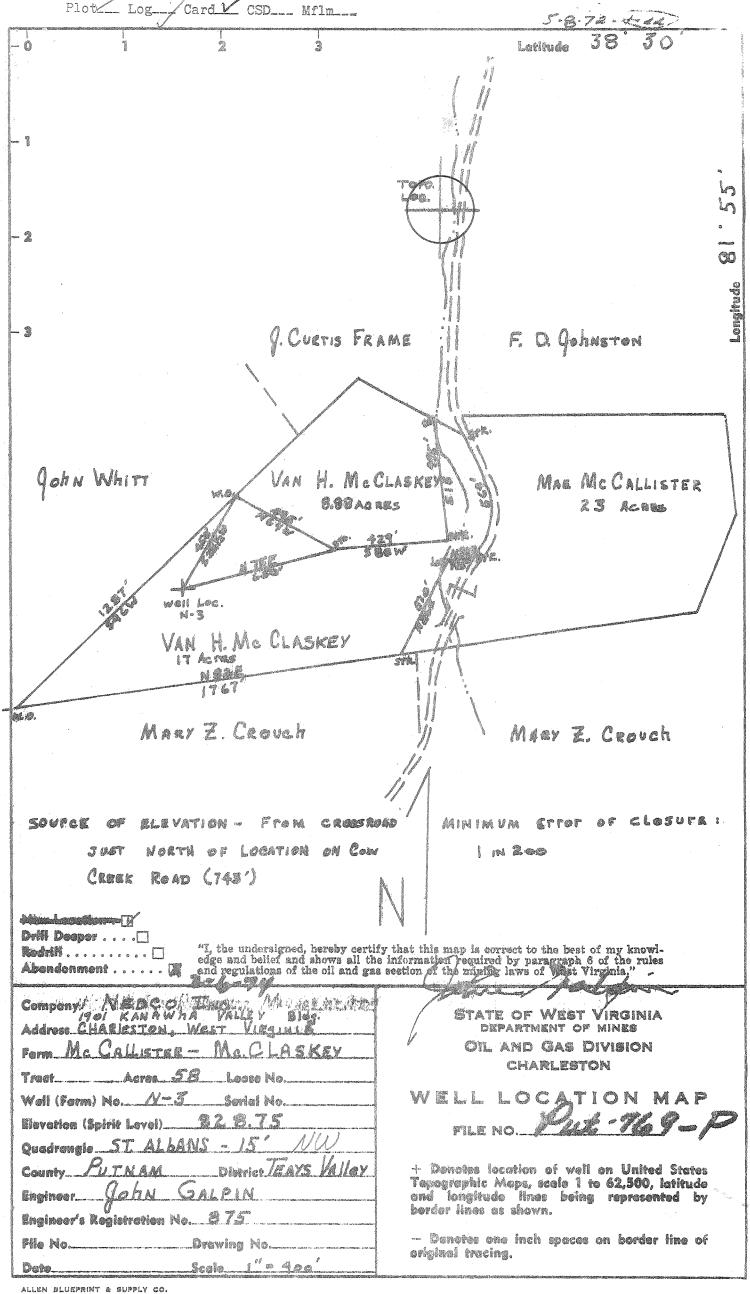
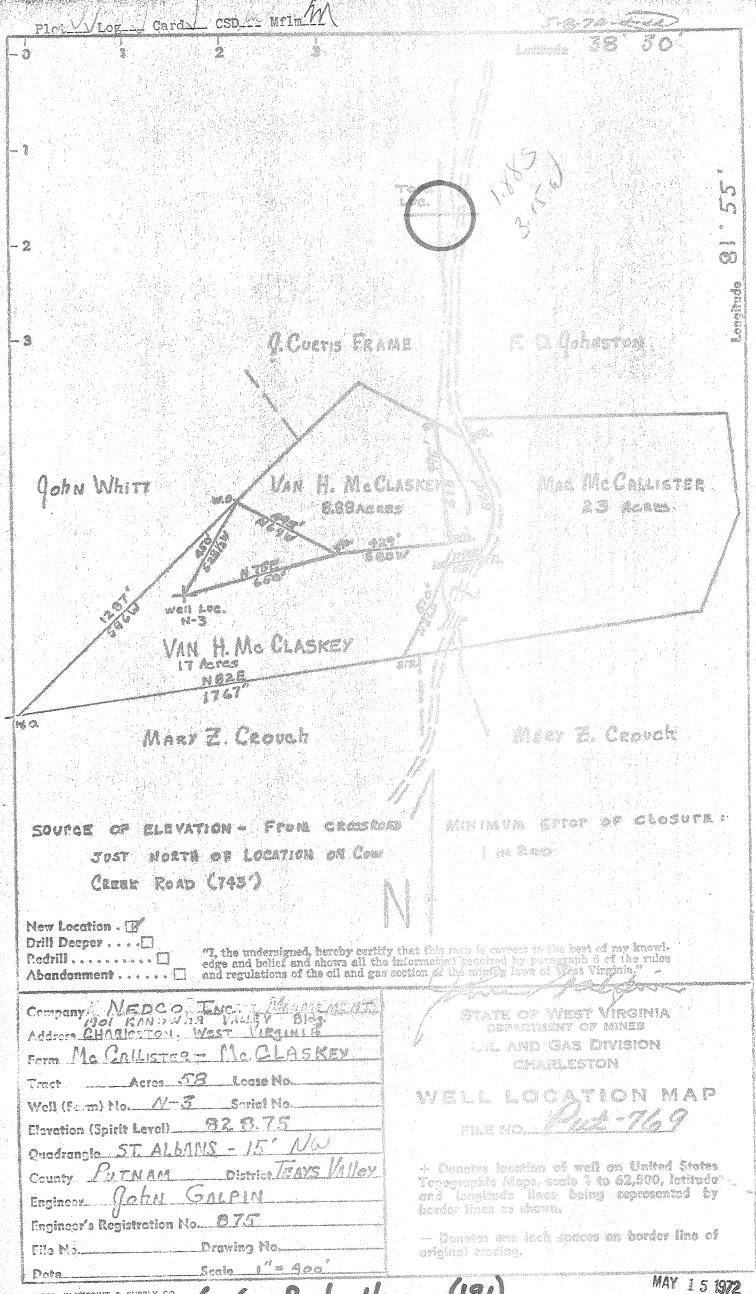


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House ALLEN PLUEPRINT & SUPPLY CO.



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

MAR 16 1973

OIL & CAS DIVISION DEPT. OF WINES

Rotary_X___

Water Flood___ Storage

Comb.

Cable__

Recycling



Oil and Gas Division WELL RECORD &

Quadrangle St. Albans

Permit	No.	PUT	769

		Disposal	(Kind)
Casing and	Used in	Left	Cement fill up
Tubing	Drilling 	in Well	Cu. ft. (Sks.)
Size 20-16			
Cond. 16"	12	12	to surface
13-10" 113/4"	372	372	75 bags
9 5/8			THE ALIGN STRAIGHT
8 5/8	2014	2014	50 bags
7			Cementing by
5 1/2			Well Service Inc
4 1/2			
3			
2 2 3/8"		4474	on packer
Liners Used			

Company NEDCO, INC. Address 1901 Kanawha Valley Building Farm Mae McCallister, Van McClaster 58 Location (waters) Cow Creek Elev. 828.75 Well No. N-3 District Teays Valley County Putnam The surface of tract is owned in fee by Mae McCallister & Van McClaskey Address Winfield, W. Va. Mineral rights are owned by____ __ Address_ Drilling Commenced 5/5/72 Drilling Completed 5/19/72 Initial open flow _____ cu. ft. ___ bbls.

Final production 33,000 cu. ft. per day ____ bbls. Well open 3 hrs. before test 375 RP. Well treatment details:

Attach copy of cementing record.

October 31, 1972, Halliburton acidized the coniferous limestone with 1,000 gallons of mod 202 acid, 200 gallons of methanol, 1 gallon Howco Suds, 2 gallons HC2 Coal was encountered at ____None__ Feet Inches 800 Fresh water_ __ Feet __ _Salt Water_ Producing Sand Oriskany _Depth _ 4480-4485 Formation Color Hard or Soft Top Feet Bottom Feet * Remarks Oil, Gas or Water Surface 40 0 Depths based on Kelly Bushing Red Rock 40 45 measurements of 9 feet Sand 70 45 Sand & Slato 70 85 Red Rock 85 95 Sand & Shale 95 175 Sand 175 230 Sand & Shale 230 370 Shale 370 468 Sandy Shale 468 750 Shale 750 840 water at 800 " Sand 840 860 Sand & Shale 860 882 over

(over)

Formation Color Hard or Soft	Top Feet 😵	Bottom Feet	Oil, Gas or Water * Remarks
Sand Sand & Shale Sand Sand & Shale Shale Salt Sand Sand Sand & Shale Lime Sandy Shale Shale Sandy Shale Sandy Shale Berea Sand Sandy Shale Berea Sand Sandy Shale Berea Sand Sandy Shale Berea Sand Sandy Shale Brown Slate & Shells Gray Brown Shale Brown Slate & Shells Gray Brown Shale Brown Shale Blue Shale Blue Shale Brown Coniferous Lime Oriskany Sand Lime	882 894 945 958 1260 1360 1423 1612 1808 2003 2250 2379 2404 2473 2498 2531 3631 3706 3811 3891 3921 4408 4480 4485	894 945 958 1260 1360 1423 1612 1808 2003 2250 2379 2404 2473 2498 2531 3631 3706 3811 3891 3891 3942 4408 4480 4485 4545	water increased 1260 water increased 1450
TOS MORSURES FROM KL-838			4405 4480 829 3659 3579 3659
			1
			A SHARE TO A SHARE THE SHA

APPROVED March 6 , 19 73

By <u>President</u> (Title)

CG - 1 . Rev. - 71



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



OIL & GAS DIVISION DEPT, OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES, Charleston, W. Va.	DATE <u>May 5, 1972</u>
Surface Owner Mae McCallister & Van McCla	7
Address Cow Craek Road	
Mineral Owner Same	Nacalliator-Naclasker . 58
Address	
Coal Owner	00000
Address	m Tr. 77 or Partman
Coal Operator.	
Address	
Addices	- Control of Spiritual Control of
THIS PERSON HUST BE POSTED AT THE WELL: All provisions being in accordance with	
of the W. Va. Code, the location is her for Children. This permit she operations have not commenced by the Deputy Director - Oil & Gas Division	INSPECTOR TO BE NOTIFIED Butcher (1) Description of the PH: 736-488.
GENTLEMEN	Harrie 25504
GENTLEMEN: The undersigned well operator is entitled to drill	
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teavee Oil & Ga	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 McClaskey r lease dated Aug. 11 1965 by McCallister s. Inc. and reggsed on the day of
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teavee Oil & Ga	upon the above named farm or tract of land for oil and gas, having fee McClaskoy r lease dated Aug. 11 19.65 by McCallister s. Inc. and regorded on the day of
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teavee Oil & Ga	upon the above named farm or tract of land for oil and gas, having fee McClaskoy r lease dated Aug. 11 19.65 by McCallister s. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teaves Oil & Ga 19 , in Putnam County, Book X NEW WELL DRILL DEEP OIL AND GAS WELL ORIGINALLY I	upon the above named farm or tract of land for oil and gas, having fee McClaskoy r lease dated Aug. 11 19.65 by McCallister s. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teavee Oil & Ga 19 , in Putnam County, Book X NEW WELL DRILL DEEP OIL AND GAS WELL ORIGINALLY I The enclosed plat was prepared by a registered enhance been notified as of the above date. The above named coal owners and/or operator are	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 r lease dated Aug. 11 s. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE DRILLED BEFORE JUNE 5, 1969.
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teaves Oil & Ga 19 in Putnam County, Book	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 r lease dated Aug. 11 s. Inc. and recorded on the day of ER REDRILL FRACTURE OR STIMULATE DRILLED BEFORE JUNE 5, 1969. hereby notified that any objection they wish to make, or are required
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teaves Oil & Ga 19 in Putnam County, Book	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 r lease dated Aug. 11 19.65 by McCallister S. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE DRILLED BEFORE JUNE 5, 1969. Ingineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * nailed by registered mail, or delivered to the above named coal operators day before, or on the
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teaves Oil & Ga 19 in Putnam County, Book	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 r lease dated Aug. 11 19.65 by McCallister 8. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE DRILLED BEFORE JUNE 5, 1969. Indicate that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * Inailed by registered mail, or delivered to the above named coal operators of the Department of Mines at Charleston, West Virginia.
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teaves Oil & Ga 19 in Putnam County, Book	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 r lease dated Aug. 11 s. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE DRILLED BEFORE JUNE 5, 1969. Ingineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * mailed by registered mail, or delivered to the above named coal operators ress day before, or on the or the Department of Mines at Charleston, West Virginia. Very truly yours. (Sign Name) Well Operator Well Operator 1901 Kanawha Valley Bldg. Address
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teaves Oil & Ga 19, in	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 19.65 by McCallister s. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE DRILLED BEFORE JUNE 5, 1969. Ingineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * nailed by registered mail, or delivered to the above named coal operators that Department of Mines at Charleston, West Virginia. Very truly yours. (Sign Name) Well Operator 1901 Kanawha Valley Bldg. Address of Well Operator Charleston Charleston
The undersigned well operator is entitled to drill title thereto, (or as the case may be) under grant o made to Teaves Oil & Ga 19, in Putnam County, Book NEW WELL DRILL DEEP OIL AND GAS WELL ORIGINALLY I The enclosed plat was prepared by a registered enhave been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received Copies of this notice and the enclosed plat were mor coal owners at their above shown respective addresame day with the mailing or delivery of this copy to	upon the above named farm or tract of land for oil and gas, having fee Aug. 14 r lease dated Aug. 11 19.65 by McCallister s. Inc. and regorded on the day of 52 Page 290 ER REDRILL FRACTURE OR STIMULATE ORILLED BEFORE JUNE 5, 1969. Ingineer or licensed land surveyor and all coal owners and/or operators hereby notified that any objection they wish to make, or are required by, or filed with the Department of Mines within ten (10) days. * mailed by registered mail, or delivered to the above named coal operators eas day before, or on the or the Department of Mines at Charleston, West Virginia. Very truly yours. (Sign Name) Well Operator 1901 Kanawha Valley Bldg. Address Street

*SECTION 3. If no objections are tided or found to the Department of mines; within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made to the conditional department and their the same is approved and the well operator authorized to proceed.

Let -769 PERMIT NEMBET

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL DRILLING CONTRACTOR: (If Known) NAME NEDCO, Inc.		DEEPEN FRACTURE-STIMULATE RESPONSIBLE AGENT: NAME James McNabe ADDRESS 1901 Kanawha Valley Bldg,		
ADDRESS1901 Kan. Val. Bldg, Charleston, W. Va. TELEPHONE 342-2125				
			TELEPHONE 242-21	25
ESTIMAT	ED DEPTH OF COM	PLETED WELL: 4520	ROTARY X	CABLE TOOLS
PROPOSE	D GEOLOGICAL FOR	RMATION: Criskeny		
TYPE OF	WELL: OIL	GAS X CC	MB. STORAGE	DISPOSAL
•	,	RECYCLIN	G WATER FLO	OD OTHER
TENTATI	VE CASING PROGRA	M:		
CASI	NG AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	162	10 feet	10 feet	3 sacks
	11 3/4	345 feet		50 sacks
		angan ngaganggapan kalin agu ngu, ngawaya kalan mga naku nga panu napahangan mbu nu nu nu nu nu nu nu nu nuga maga kalan napa nu ng		
8 - 5 8	1	2250	AND THE RESIDENCE OF A STATE OF THE PROPERTY O	Market in the Control of the Control of Adaptive Control of Adapti
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			7	
		4700		The Lagrangian
The control of the co			· · · · · · · · · · · · · · · · · · ·	Pert. Bont. 60
Liners				Port, Top
				Pert. Bottom
APPROXI	MATE COAL DEPTH:	n DEPTHS 160* FEFT S None anticipated HE AREAT No	· percent of the contract cont	The state of the s
				And the second deposits of the second deposit
		S OF OG . \$100.00 PERMIT	FEE, PERFORMANCE BO	OND AND PERMANENT COPY
TO DRIL	L DEEPER OR REDR	ILL.		
WEL		S OF OG + 1, SHOWING ORIGIN TO 1929, A PERMANENT CO FED.		
TO FRAC	TURE - STIMULATE:			
		ORIGINALLY DRILLED BEFOR T AND ORIGINAL WELL RECO		COPIES OG - 1, PERFORMANCE
		ORIĞINALLY DRILLED ON AN UMBER,AND PERFORMANCE		9. FIVE COPIES OG - 1, SHOW-
	aired forms must be fil (24) hours in advance	led within ninety (90) days of co	ompletion for bond release.	Inspector to be notified twenty-
entre de militario de la companio del la companio de la companio del la companio de la companio del la companio de la companio de la companio de la companio de la companio				
The thereof.	following waiver must	be completed by the coal oper	rator if the permit is to be i	ssued within ten days of receipt
	E the underglored A	cont for	Coal Commun. Owner	on Omenites of the set 1
: Mid V Eir		gent for		-
		Coal Company h complied with all rules and regu		
		•	neka taur i a a a a a a a a a a a a a a a a a a	Cont Consults