

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47 - 073 - 02570 County Pleasants District McKim  
Quad Bens Run 7.5' Pad Name P8 Field/Pool Name \_\_\_\_\_  
Farm name Robert and Victoria Davis Well Number P8N4U  
Operator (as registered with the OOG) Jay-Bee Oil & Gas, Inc.  
Address 3570 Shields Hill Rd. City Cairo State WV Zip 26337

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4360377.80 Easting 489992.40  
Landing Point of Curve Northing \_\_\_\_\_ Easting \_\_\_\_\_  
Bottom Hole Northing 4360368.65 Easting 489997.94

Elevation (ft) 1058.6 GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other Vertical Test  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)  
Synthetic OBM

Date permit issued 7/21/2017 Date drilling commenced 12/4/2017 Date drilling ceased 12/21/17  
Date completion activities began N/A Date completion activities ceased N/A  
Verbal plugging (Y/N) N Date permission granted N/A Granted by \_\_\_\_\_

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 190' Open mine(s) (Y/N) depths N  
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N  
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed

Reviewed by:  
[Signature]  
7/9/2019

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API 47-073 - 02570 Farm name Robert and Victoria Davis Well number P8N4U

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	30"	26"	30'	New	H40 94 lb/ft		Y
Surface	24"	18 5/8"	302'	New	K55 87.5 lb/ft	42'&372'	Y
Coal							
Intermediate 1	17 1/2	13 3/8	1998'	New		83'&1,795'	Y
Intermediate 2	12 1/4	9 5/8	9381'	New		217',3,348'&7,514'	Y
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	Class A	569	15.6	1.1966	680	CTS	8
Coal							
Intermediate 1	Class A	1410	15.6	1.1855	1671	CTS	8
Intermediate 2	Class A	1602	13.75	1.9126	3064	CTS	8
Intermediate 3	Class H	520	17	0.9985	519	CTS	8
Production							
Tubing							

Drillers TD (ft) 10,577 Loggers TD (ft) 10,577

Deepest formation penetrated Point Pleasant Plug back to (ft) \_\_\_\_\_

Plug back procedure Set a solid casing plug at 9300'

Kick off depth (ft) N/A

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

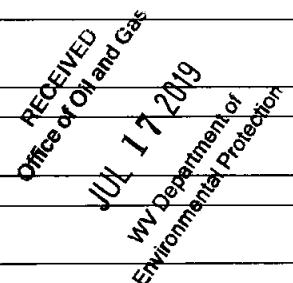
Well cored  Yes  No Conventional Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING Every 500' feet from TD of String

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS \_\_\_\_\_

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_



API 47- 073 - 02570 Farm name Robert and Victoria Davis Well number P8N4U

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	N/A				Point Pleasant
2	N/A				Point Pleasant
3	N/A				Point Pleasant
4	N/A				Point Pleasant
5	N/A				Point Pleasant
6	N/A				Point Pleasant
7	N/A				Point Pleasant
8	N/A				Point Pleasant
9	N/A				Point Pleasant
10	N/A				Point Pleasant
11	N/A				Point Pleasant
12	N/A				Point Pleasant
13	N/A				Point Pleasant
14	N/A				Point Pleasant
15	N/A				Point Pleasant
16	N/A				Point Pleasant

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	N/A							N/A
2	N/A							N/A
3	N/A							N/A
4	N/A							N/A
5	N/A							N/A
6	N/A							N/A
7	N/A							N/A
8	N/A							N/A
9	N/A							N/A
10	N/A							N/A
11	N/A							N/A
12	N/A							N/A
13	N/A							N/A
14	N/A							N/A
15	N/A							N/A
16	N/A							N/A

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Please insert additional pages as applicable.

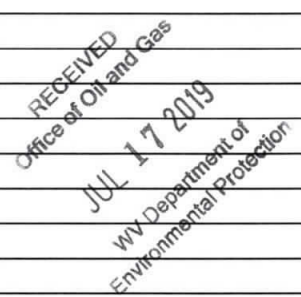
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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>N/A</u>	<u>N/A</u> TVD	<u>N/A</u> MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump  
 SHUT-IN PRESSURE Surface N/A psi Bottom Hole N/A psi DURATION OF TEST \_\_\_\_\_ hrs  
 OPEN FLOW Gas Oil NGL Water GAS MEASURED BY  
N/A mcfpd \_\_\_\_\_ bpd \_\_\_\_\_ bpd \_\_\_\_\_ bpd  Estimated  Orifice  Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
See Attached.	0		0		



Please insert additional pages as applicable.

Drilling Contractor Patterson  
 Address 3400 South Radio Road City El Reno State OK Zip 73036  
 Logging Company Stratagraph Inc.  
 Address 116 Ellsworth Ave. City Marietta State OH Zip 45750  
 Cementing Company Baker Hughes  
 Address 717 17th Street Suite 2000 City Denver State CO Zip 80202  
 Stimulating Company N/A  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Please insert additional pages as applicable.

Completed by Chris Lindsey Telephone 304-628-3111  
 Signature  Title Office Manager Date 7/17/2019

<b>JAY BEE OIL &amp; GAS INC.</b>	
	<b>P8 Pad</b>
	<b>ELEVATION</b>
	1058.6 GL
<b><u>FORMATION</u></b>	<b><u>TOP</u></b>
INJUN	1843
UPPER Marcellus	5764
PARCELL LME	5776
LOWER MARCELLUS	5834
Onondaga	5911
Salina	6565
Clinton-Medina	8223
Reedsville	9273
Utica	10266
Trenton	10349

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Jay Bee Oil and Gas, Inc.  
3570 Shields Hill Road  
Cairo, WV 26337

July 17, 2019

West Virginia Dept. of Environmental Protection  
Office of Oil and Gas  
c/o Jacob Rhodes  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

RE: P8N4U (vertical) WR 35; P8N2U updated 6a1 & P8N4U updated 6B and 6A1

Jacob:

I hope this letter finds you doing well. Enclosed you will find the requested P8N4U (vertical WR 35), updated WW 6A1's for the P8N2U and P8N4U. The updates are necessary after I spoke with Laura and Taylor on listing bore tracts only on the 6a1. If you have any questions please let me know. Have a great day

Chris Lindsey

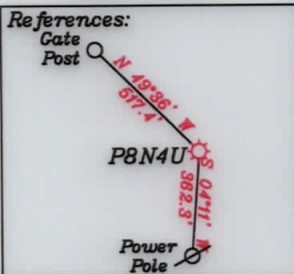
Enclosure(s)  
P8N4U (vertical) WR-35 with as drilled Mylar  
P8N2U updated 6A1  
P8N4U updated 6B and 6A1

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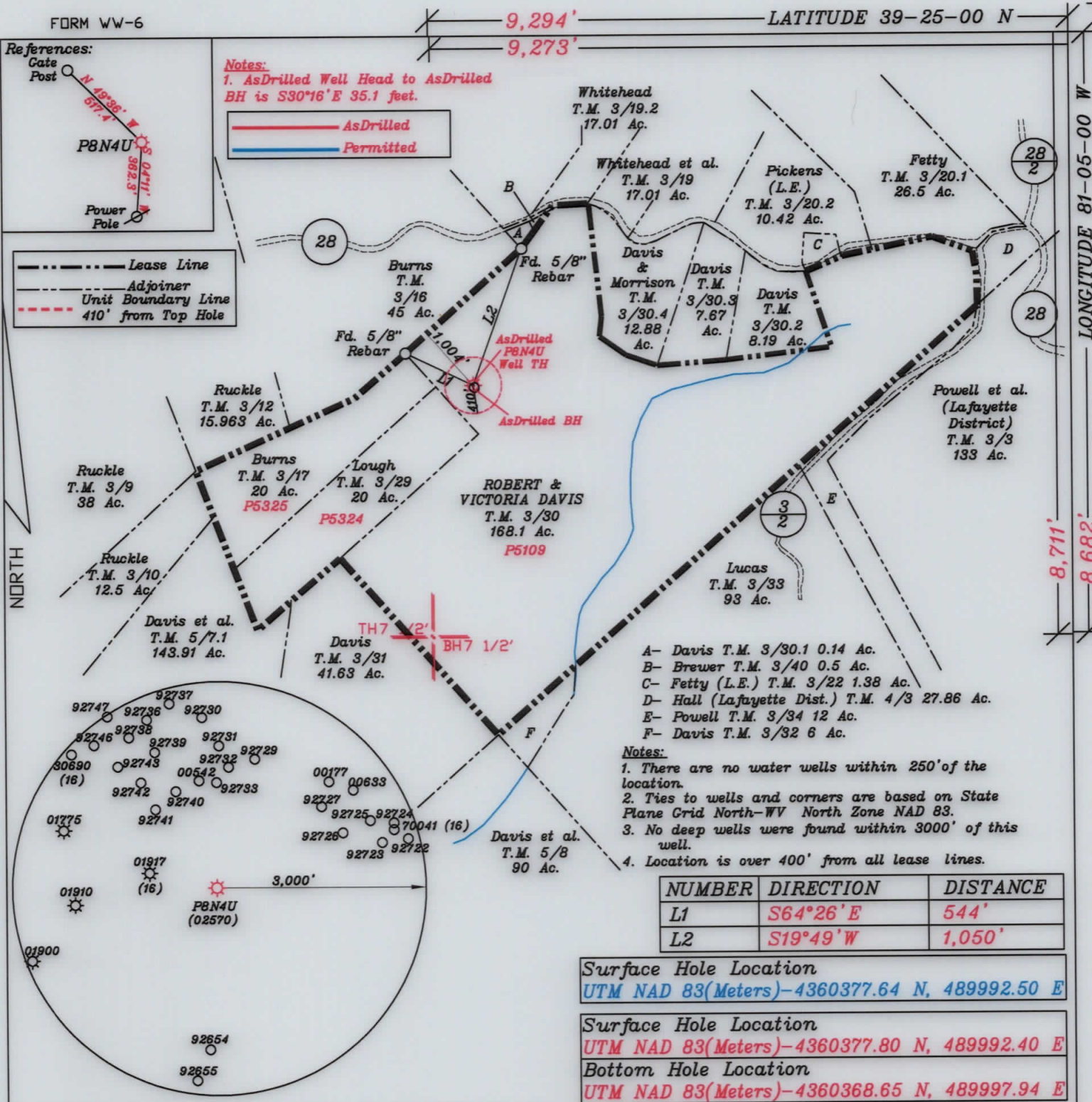
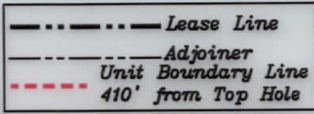
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Notes:  
 1. AsDrilled Well Head to AsDrilled BH is S30°16' E 35.1 feet.



- Notes:
- There are no water wells within 250' of the location.
  - Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
  - No deep wells were found within 3000' of this well.
  - Location is over 400' from all lease lines.

NUMBER	DIRECTION	DISTANCE
L1	S64°26' E	544'
L2	S19°49' W	1,050'

Surface Hole Location  
 UTM NAD 83(Meters)-4360377.64 N, 489992.50 E

Surface Hole Location  
 UTM NAD 83(Meters)-4360377.80 N, 489992.40 E

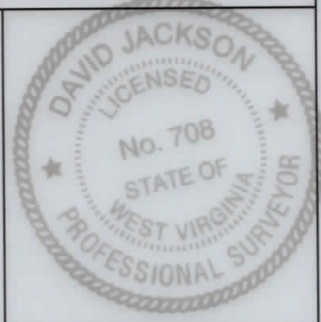
Bottom Hole Location  
 UTM NAD 83(Meters)-4360368.65 N, 489997.94 E

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. 1  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION GPS  
submeter unit

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) David L. Jackson  
 R.P.E. \_\_\_\_\_ P.S. 708



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE July 12, 2019  
 OPERATOR'S WELL NO. P8N4U  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL GAS LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF 'GAS') PRODUCTION X STORAGE \_\_\_\_\_ DEEP X SHALLOW \_\_\_\_\_

LOCATION: ELEVATION 1,058.6' WATER SHED McKim Creek (HUC 10 Outlet Middle Island Creek)  
 DISTRICT McKim COUNTY Pleasants  
 QUADRANGLE Bens Run 7 1/2'

SURFACE OWNER Robert E. Davis & Victoria Davis ACREAGE 168.111 Ac.  
 OIL & GAS ROYALTY OWNER Robert E. Davis & Victoria Davis LEASE ACREAGE 168.111 Ac.  
 LEASE NO. P5109

PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AsDrilled

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION Trenton ESTIMATED DEPTH TVD = 10,568' TMD = 10,577'  
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda  
 ADDRESS 1720 Route 22 E, Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337