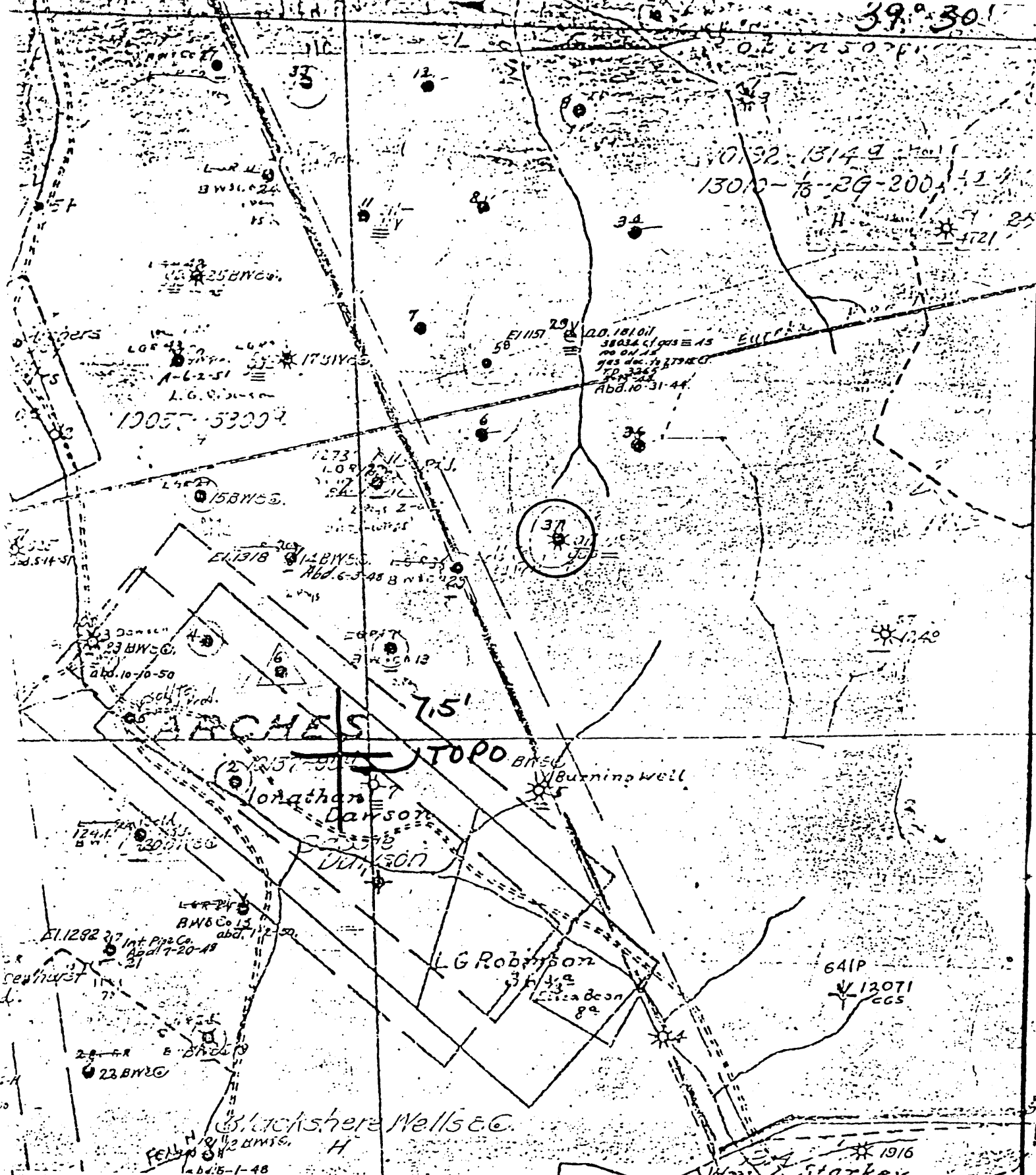


39° 30'



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

FORM IV-6
(8-78)
N48

N2 E3



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1112 WATER SHED Arches Fork
 DISTRICT Grant COUNTY Wetzel
 QUADRANGLE Folsom 7 1/2

SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUS OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUS AND ABANDON CLEAN OUT AND REPLUG

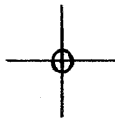
TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

DATE Nov 30, 1978
 OPERATOR'S WELL NO 37
 API WELL NO. 47-103-1100
 STATE WV COUNTY Wetzel PERMIT _____

L. G. ROBINSON - 27

LATITUDE 39° 30' 00"

LONGITUDE 88° 52' 30"



7'5 OGIS topo location

7.5' 10C 2.27 S 15' 10C _____
' 2.04 W (calc.) _____

Company _____

Farm _____

Quad FOLSOM 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103-1100

Well No. 37 ^{Q.O.} L. S. Robinson
 Lease No. 10192 Summit District *Nitjel*
 Rig built by E. Meyer
 Well drilled by
 Began drilling *Aug 17-25-1906* Completed *Q.O. 1-19 1907*
 Contractor.

ROCK FORMATION	TOP.	BOTTOM.	REMARKS
Stray sand	3230	3238	See C 3234-3238
Bottom sand	3241	3247	
Fourth sand	3298	3300	
Total depth		3505	
Filled up and lead plug set at 3258 ft.			
Summit total depth 3258			
<i>NOTE: - Glass cut & tubes & packer 7/13 with 2" x 5 3/16" regular the packer. Packer set 511 ft. from bottom 511 ft. of 2" anchor from bottom</i>			
<i>MEAS - 1-29-07 - 20 gts. - 27 of lead 3237 ft. - 5-19-13 - 30 gts. - 3234 ft. - 11-18-35 - 46 gts. - 3232 ft.</i>			

CASING RECORD.

Size	CHARGED TO WELL.		PUT IN WELL.		PULLED OUT.		LEFT IN WELL.		Transferred before Completion.		Left at Well Not in Use.	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
10"			325									
5 1/4"			1628									
6 7/8"			2490									
5 3/16"			2730									

Well No. 37 ^{Q.O.} L. S. Robinson
 Lease No. *Grant* District *Nitjel*
 Rig built by
 Well drilled by *A.O.O. Co.*
 Began drilling *Nov 25 1906* Completed *Jan 26 1907*
 Contractor.

ROCK FORMATION	TOP.	BOTTOM.	REMARKS
Big yellow sand	2465	2634	Steel line meas.
Boulder	3165	3190	
Stray sand	3230	3238	" "
Gravel	3234	3238	" "
Bottom "	3241	3247	" "
Fourth "	3298	3300	" "
no 3" plug			
Total depth 3505			
filled up to 3258			

CASING RECORD.

Size	CHARGED TO WELL.		PUT IN WELL.		PULLED OUT.		LEFT IN WELL.		Transferred before Completion.		Left at Well Not in Use.	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
5 3/16"			2730									

Production First 24 Hours } Gas
 Sigsbee
 Sigsbee
 Sigsbee