

COUNTY	LEA	FIELD	Corbin, S.	STATE	NM
OPR	PENNZOIL CO.			MAP	
1 Hudson-Federal 29					
Sec. 29, T-18-S, R-33-E					
660' FNL, 1986' FEL of Sec.				CO-ORD	
Spd 12-11-67; Cmp 3-3-68 (Wolf)				3C-015-22366	
Cmp 4-4-68 (Morrow)				CLASS	
		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
13 3/8"	382'	310			
8 5/8"	4207'	650			
5 1/2"	13583'	1070			
LOGS EL GR RA IND HC A					
		TD 13585', PSD 13426'			
IP Wolfcamp Perfs 10903-991' Flwd 372 BOPD. Pot. Based on 24 hr test thru 20/64" chlk., TP 475#, CP 1850#, GOR 1560, Gr. 42.					
IP Morrow Perfs 13235-384' CAOP 2975 MCFOPD. Pot. Based on 4-pt test. SIWHP 4078#, GOR 18,942; Gravity (Gas).664; Gravity (Cond) 52.					
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CONT. Lowe Drilg. Co.		PROP DEPTH 12,500' TYPE RT			
DATE					

F.R. 12-14-67; Elev. 3820' FB
 PD 12,500' - Straws
 Contr. - Lowe Drilg. Co.
 12-18-67 AMEND TO ADD REFERENCE NUMBER
 12-18-67 Drilg. 3550' anty & gyp.
 1-3-68 Drilg. 8005' 1m.
 DST 6100-82', open 1 hr,
 rec 50' DS,
 1 hr ISLP 2379#, FP 64-90#,
 1 hr PSIF 198: #
 DST 7422-47', open 1 hr,
 rec 70' wtr, w/111 show oil,
 1 hr 30 min ISLP 3012#, FP 22-50 #,
 1 hr ISLP 1543#.

1-8-68 Drig. 9368' in, sh & sd.
1-15-68 TD 10619', on DST 10595-619'.
DST 10537-577', open 2 hrs 30 mins,
GTS 33 mins @ TSTM,
rec 90' free oil (Gravity 39.2) + 110'
Sli OSGCM,
1 hr ISIP 3749#, FP 43-85#,
3 hr FSIP 3747#, HP 4692-4692#.
1-22-68 TD 11243', prep drill
DST 10595-619', open 1 hr,
Rec 120' DM, w/NS,
2 hr ISIP 3587#, FP 23-73#,
2 hr FSIP 2291#.
DST 10913-11027', open 4 hrs,
GTS 6 mins @ 625 MCFGPD,
SI 2 hrs,

Unloaded mud in 15 mins,
Oil in 15 mins after tool closed;
Re-Opened., Flwd 87 BO in 2 hrs on 1"
chk., SFP 170#; Gas @ 428 MCFGPD,
SI 2 hrs,
Re-Opened., Flwd 80 BO in 1 hr on 1 1/4"
chk., SFP 300#; Gas @ 376 MCFGPD;
Flwd 35 BO in 1 hr on 1/4" chk., FP 500#;
SI 4 hrs,
Unloaded 14 BO after tool closed,
Key out 20 BO (Gravity 44.)
2 hr ISIP 4241#, FP 98-1092#,
4 hr FSIP 3959#.

1-22-68 Cont.
DST 11062-144', open 2 hrs,
rec 6300' gas in DP + 60' oil (Gravity 40.)
+ 90' HO&GCM,
2 hr ISIP 1073#, FP 74-74#,
3 hr FSIP 709#.
DST 11134-243', open 1 hr,
rec 30' mud, NS,
2 hr ISIP 130#, FP 67-67#,
2 hr FSIP 118#.

1-29-68 Drlg. 12049' lm & sh.
DST 11337-360', open 2 hrs,
rec 6750' gas in DP, 45' DM + 5' oil,
2 hr ISIP 4318#, FP 30-30#,
2 hr FSIP 3651#, HP 5261-5236#.

2-5-68 Drlg. 12434' lm & sh.
DST 12114-260', open 1 hr
Rec 10' mud,
1 hr 30 min ISIP 128#, FP 103-115#,
1 hr 30 min FSIP 115#.
DST 12213-387', open 1 hr 30 mins,
rec 15' mud,
1 hr ISIP 84#, FP 84-84#,
3 hr FSIP 84#.

2-12-68 TD 12227', on DST 11272-108'.
DST 13154-146', open 2 hrs 10 mins,
GTS 5 mins @ 1.1 MMCFGPD,
SI 2 hrs, Re-Opened for 1 hr,
Gas @ 3.5 MMCFGPD inc. to 4.3 MMCFGPD;
SI 2 hrs, Re-Opened 2 hrs;
Blwd @ 5.5 MMCFGPD + 20 B Cond.,
Unloaded 8 Phls Cond.
Gas 200' Cond (Gravity 50.)

2-28-68 Cont.
2 hr ISIP 6606#, 2 hr Second SIP 6154#,
FP 128-1487-1395#, 4 hr ESIP 5814#.
2-26-68 TD 13585' lm & sh., rng 5½" casing
DST 13272-328', open 15 hrs 20 mins,
GTS 2 mins @ 5000 MCF/GPD,
SI 2 hrs; Re-Opened 12 hrs,
Flwd gas @ 20,000 MCF/GPD,
SI 10 hrs, Re-Opened 3 hrs 15 mins,
Flwd gas @ 9000 MCF/GPD w/heavy spray
cond., thru 3/8" chk., SFP 2800#,
Rev out 5 Bbls cond.,
2 hr ISIP 6423#, 10 hr Second SIP 5601#,
FP 1857-2935#-4779#,
6 hr ESIP 5784#, HP 7307-7307#.

3-6-68 TD 13585', PBD 13426', prep Acid.
Perf (Wolfcamp) @ 13903', 13907', 13913',
13917', 13925', 13931', 13934', 13952',
13955', 13967', 13971', 13986', 13991'
W/1 SFI
Acid (13903-991') 4000 gals.
Flwd 214 BO in in line thru 15/64" chk.,
TP 710# (13903-991'),
Set depth 10605'
Perf @ 10527', 10531', 10537', 10539',
10541', 10544' W/1 SFI
Acid (10527-544') 3000 gals.
Swbd 58 BW (102 oil) in 3 hrs (10527-544')
3-13-68 TD 13585', PBD 13426', prep drill cmt.
Acid (10527-544') 2000 gals (MA)
Subd load + 87 BBO (10527-544')
Prod 10527-544' w/100 gr.

3-18-68 TD 13585', PED 13426', rag tubg.
 3-26-68 TD 13585', PED 13426', tstg (Morrow)
 Perf (Morrow) @ 13235', 13237', 13246',
 13255', 13264', 13272', 13276', 13280',
 13287', 13298', 13302', 13307', 13311',
 13325', 13334' W/2 SPI
 Flwd 600 MCFGPD thru 1/2" chk., TP 500#
 (13235-334')
 Perf 13292-314' W/2 SPF
 4-1-68 TD 13585', PED 13426', tstg (Morrow)
 Wolfcamp - WO Pot
 Flwd 372 BO in 24 hrs thru 20/64" chk.,
 TP 475#, CP 1850#, GOR 1560, Gravity 42.
 (Wolfcamp 10903-991')
 Treated (13235-334') 214 bbls brine
 Flwd 280 B Cond. + 20 BW + gas @ 2687 MCFGPD,

48 hr test thru 18/64" chk., TP 1350#
 (13235-334')

4-8-68 TD 13585', PED 13426', WO Pot.
 4-13-68 TD 13585', PED 13426', WO Pot. (Morrow)
 4-19-68 TD 13585', PED 13426', WO Pot.

Wolfcamp complete 4-1-68

FOUR-POINT TEST:

Gas Volume

MCFGPD	Stroke	Time	TP
2598	18/64"	3 hrs 30 mins	1338#
2488	18/64"	1 hr 15 mins	1368#
2281	18/64"	1 hr 30 mins	1378#
2117	14/64"	1 hr 15 mins	1810#

3-6-68 TD 13585', PED 13426', COMPLETION REPORTED
LOG: Rust 1376', Yates 2925', Sever
Rivers 3445', Queen 4153', Penrose 420',
SA 4778', Delaware 5575', Bone Springs
7107', 3rd Bone Springs Sd 10118', Wolfcamp
10524', Strawn 12088', Atoka 12373', Morrow
Sd 13212', Morrow Im 12741'