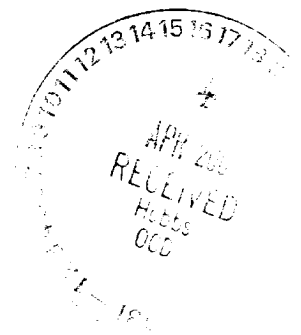


Certificate Number



COUNTY	LEA	FIELD	Antelope Ridge	STATE	N.M.
OPR	SHELL OIL COMPANY				MAP
34-1 Antelope Ridge Unit					
Sec. 34, T-23-S, R-34-E					
1980' fr S Line & 1650' fr W Line of Sec.					
Spud 4-8-64					
CLASS					
EL 3490'					
Comp. 9-15-64		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING	SPL:	Wdf. 14405			
20" 367' 400		LOG:			
13 3/8" 5100' 4380		W.C. 11454			
9 5/8" 11930' 2200		Penn 11801			
7" 1hr. 8189-14095' 1700		Atoka 12027			
4 1/2" 13714-14935' 135		Miss 14024			
LOGS EL GR RA IND HC A		Sil. 14623			
		TD 14,940'			

IP Devonian Perfs. 14695-830', CAOF 25,000 MCFGPD, Pot.
Based on 4-point test.

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CONT. McFarland Drlg. Co. PROP DEPTH 15,000' TYPE
DATE

F. R. 4-9-64.
PD 15,000' - Devonian.
Contractor - McFarland Drlg. Co.
3-64 Drlg. 1793'.
4-25-64 Drlg. 4263'.
4-27-64 Drlg. 5550'.
5-4-64 Drlg. 8215'.
5-11-64 Drlg. 9837'.
5-18-64 Drlg. 11085'.
5-25-64 TD 11930', running casing.
6-1-64 TD 11930', prep to drill out.
6-8-64 Drlg. 12,300'.
DST 11930-12243', open 1 hr. 40 mins.,
GTS in 15 mins. @ 70 MCFGPD,
Rec. 700' drlg. mud.
1 hr. ISIP 2115#, FP 328-427#,
2 hr. 15 min. FSIP 2403#.

6-15-64 Drlg. 12,567'.
DST 11,930-12,351', mis-run.
DST 11,930-12,351', open 1 hr. 30 mins.,
GTS 28 mins., @ TSTM,
Rec. 1100' HGCWB + 1478' VHGCM,
3 hr. ISIP 4808#, FP 1890-1858#,
3 hr. 10 min. FSIP 3910#.
DST 11,930-12,450', open 1 hr. 35 mins.,
GTS 26 mins. @ 20-40 MCFGPD,
Rec. 7300' Gas in Drill Pipe + 3000' HGCWB,
+ 1500' HGCM,
1 hr. ISIP 6058#, FP 2404-2532#,
1 hr. FSIP 5321#.
6-22-64 Drlg. 12,865'.
6-29-64 Drlg. 13,171'.

DST 12,840-13,006', open 4 hrs.
GTS 10 mins., @ 3600 MCF increasing 3680 MCF,
SFP 710-735#, thru 5/8" chk.,
Rec. 530' HGCM,
1 hr. 15 min. ISIP 8851#, FP 2586-1468#,
3 hr. 30 min. FSIP 8191#.
7-6-64 Drlg. 13,505'.
DST 13039-397', open 1 hr. 30 mins.,
Used 4000' N.B.
Rec. 300' Drlg. Mud,
1 hr. ISIP 3365#, FP 2724-2756#,
2 hr. FSIP 3653#.
7-13-64 Drlg. 14,014'.
7-20-64 TD 14,098', WOC.
7-27-64 TD 14,098', Drlg. out 12,500'.
8-3-64 TD 14,098', tstg. 7" liner.

8-10-64 TD 14098', prep to test-liner.
Perf. 12865-870', w/1 SPF.
Sq. perfs. 12865-870' w/600 sx.
DST 12865-870', open 24 hrs. 3 mins.,
Used 1600' WB.
GTS 14 mins., GTS 23 mins., Flow to pits 1 hr.,
35 mins.
Flow 5500 MCFGPD for 1 hr., FSP 1285#,
Flow 5925 MCFGPD thru 40/64" chk., FTP 1285#,
Flow 3890 MCFGPD thru 1" chk., after 21 hrs.
30 mins. ISIP 8818#, FP 3504-1666#.
6 hr. 30 min. FSIP 6168#.
Set Ret. @ 12587'.
Re-Sq. 12865-870' w/500 sx.
8-17-64 TD 14098' drlg. out cement.

8-24-64 Re-Sq. Perfs. 12865-870' w/500 sx.
Perf. @ 11,960', sq. perf @ 11,960' w/1100 sx.
Drlg. 14,118'.
Re-Sq. perf @ 11960' w/70 sx.
DST 8169-14,098', open 3 hrs.
GTS 13 mins. @ 300 MCFGPD decr. 40 MCFGPD,
OTS 2 hrs., Flow 2 BO/1 hr.
Reversed out 41 BM & W.
30 min. ISIP 3520#, FP 577-462#,
1 hr. FSIP 1545#,
Set Ret. @ 8899', sq. top liner w/325 sx.
8-31-64 Drlg. 14670'.
9-8-64 TD 14,940', prep to drill out.
DST 14845-931', open 2 hrs. 30 mins.,
GTS 3 mins., Flow 958 MCFGPD decr. 780 MCFGPD, in
1 hr. 12 mins., thru 3/8" chk.

- cont'd -

9-8-64 - cont'd -
Flow 1275 MCFGPD, decr. to 330 MCFGPD,
1 hr. 18 mins., thru 3/4" chk.,
Rec. 120' GC Sul. Wtr.
1 hr. 20 mins. ISIP 4647#, FP 690-230#,
3 hr. SSIP 2403#.
9-14-64 ID 14,940' testg.
Perf. @ 14695', 14707', 14713', 14714',
14715', 14716', 14721', 14727', 14728',
14733', 14740', 14745', 14755', 14758', 14764',
14772', 14774', 14817', 14825', 14827', 14829',
14830' w/1 SPI.
Flow 9 BW + 2 B. dist./10 hrs. thru 1" chk.,
Gas Vol. @ 1600 MCFGPD, TP 300#
9-21-64 14,940' COMPLETED.

Re-Ac. 5000 gals. 14695-830'.

4-Point Gauges:

Gas Volume

<u>MCFGPD</u>	<u>Time</u>	<u>Choke</u>	<u>SFP</u>
4224	4 hrs.	13/64"	4102#
7537	4 hrs.	20/64"	3569#
9568	3 hrs.	26/64"	3183#
11,081	3 hrs.	28/64"	2935#

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section.

Operator Shell Oil Company			Lease Antelope Ridge Unit		Well No. 3
Unit Letter K	Section 34	Township 23-S	Range 34-E	County Lea	
Actual Footage Location of Well:					
1980 feet from the South line and		1650 feet from the West line			
Ground Level Elev. 3490 DF	Producing Formation Morrow		Pool Antelope Ridge		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

	CERTIFICATION
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <i>N. W. Harrison</i> Name N. W. Harrison Position Staff Production Engineer Company Shell Oil Company Date 11-20-74 <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i> Date Surveyed _____ Registered Professional Engineer and/or Land Surveyor _____ Certificate No. _____

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

RECEIVED

NOV 21 1974

OIL CONSERVATION COMM.
HOBBS, N. M.

[illegible]