

COUNTY LEA

FIELD

Wildcat

STATE NM 30-025-23261

OPR ELK OIL CO. MAP

1 Diamond-State

Sec 16, T-16-S, R-34-E

CO-ORD

1980' FSL, 1980' FEL of Sec

Spd 8-21-69

CLASS

Cmp 12-5-69

FORMATION

DATUM

FORMATION

DATUM

SG & SX - TUBING

13 3/8" at 350' w/350 ex

8 5/8" at 4538' w/400 sx

4 1/2" at 13,023' w/400 sx

LOGS EL GR RA IND HC A

TD 13,023'

IP (Morrow) Perfs 12,756-766' GAOF 3678 MCF/GPD. GOR 106;
(cond) 49.6; Grav (gas) .685; SIWHP 3725#.

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CONT. Moran Drlg. Co. PROP DEPTH 12,500 TYPE

F.R. 8-26-69; Opr's Elev. 4125' KB
 PB 12,000' (Pennsylvanian)
 Contractor - Moran Drlg. Co.
 8-27-69 Drlg. 3920'
 8-28-69 Coring @ 4000' (Tight)
 9-10-69 Drlg. (Tight)
 9-16-69 Drlg. 7125' (Tight)
 9-22-69 Drlg. 10,001' (Tight)
 Cored 4000-55', rec 55', no description
 Cored 4055-4110', rec 55', no description
 Cored 5620-63', rec 43', no description
 9-30-69 (Tight)
 10-6-69 Drlg. 11,506' (Tight)
 10-14-69 Drlg. 12,179' (Tight)

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10-19-69 Drlg. 12,625' (Tight)
10-27-69 TD 13,023'; Rng Casing
11-5-69 TD 13,023'; SD Weather
11-11-69 TD 13,023' (Tight)
11-17-69 TD 13,023' (Tight)
11-24-69 TD 13,023'; Prep Perf
12-2-69 TD 13,023' (Tight)
12-9-69 TD 13,023' (Tight)
1-5-70 TD 13,023' (Tight)
1-21-70 TD 13,023' (Tight) (Final Posting)
6-8-70 TD 13,023'; Complete
DST (Wolfcamp) 10,690-800', open 1 hr 15 min,
rec 400' DM, 2 hr ISIP 929#, FP 142-238#,
4 hr FSIP 809#
DST 11,207-375', miss-run

6-8-70

Continued

DST 11,246-375', open 3 hrs 30 min (1000' WB),
rec WB + 15' oil + 90' mud, 2 hr ISIP 1803#,
FP 553-553#, 4 hr FSIP 1786#
DST 11,370-600', miss-run
SP DST 10,545-667', miss-run
SP DST 10,545-667', open 1 hr 30 min (1000' WB),
rec WB + 115' HGCM, 2 hr ISIP 543#, FP 531-539#,
4 hr FSIP 541#
DST 12,733-757', open 4 hrs 30 min (2500' WB),
rec WB + 120' cond CM + 800' HGCM + 200' cond CW
+ 880' wtr, 1 hr ISIP 6514#, FP 1311-1382#,
4 hr FSIP 6439#

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TD 13,023'; COMPLETE
Perf 12,756-766'
Acid (12,756-766') 1000 gals

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Continued

Ran Four Point Gauges (Would not stabilize)

(Morrow) FOUR POINT GAUGES:

Flwd 685 MCFGPD thru 1.500" orifice, 1 hr,
TP 2180#

Flwd 773 MCFGPD thru 1.500" orifice, 1 hr,
TP 1722#

Flwd 1495 MCFGPD thru 1.500" orifice, 1 hr,
TP 1105#

Flwd 2150 MCFGPD thru 1.500" orifice, 1 hr,
TP 1052#

(Well Drilled Tight)

(Morrow Discovery)

LOG TOPS: Queen 3737', San Andres 4525',
Glorieta 6067', Abo 7920', Wolfcamp 9738'

6-18-70

COMPLETION REPORTED

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

Form C-102
Supersedes C-128
Effective 1-1-65

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

Operator ELK OIL COMPANY			Lease Diamond State		Well No. 1
Unit Letter J	Section 16	Township 16 S	Range 34E	County Lea	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the South line and 1980 feet from the East line </div>					
Ground Level Elev. 4115	Producing Formation Pennsylvanian	Pool Undesignated		Dedicated Acreage: 320 Acres	

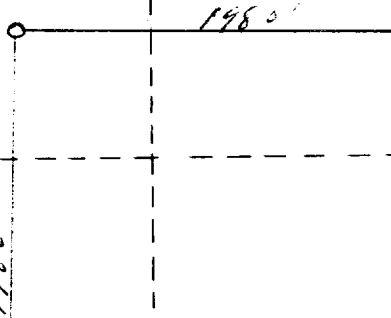
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 _____

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.

**REVISED PLAT
OF ACREAGE DEDICATION
FOR PENN GAS WELL**



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

John M. Kelly

Position

Consultant

Company

Elk Oil Company

Date

3-20-70

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.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

