

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRORATOR OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128
Revised 5/1/57

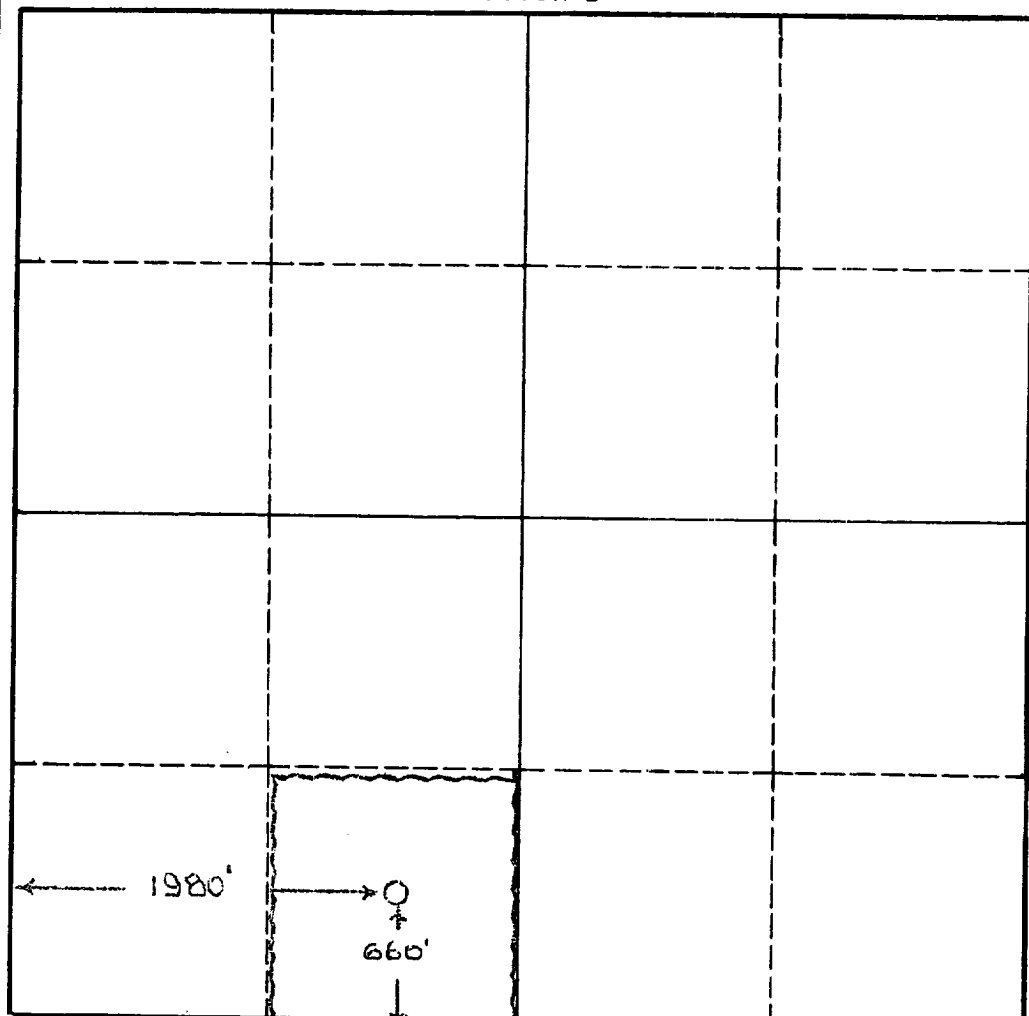
SECTION A

Operator Pan American Petroleum Corporation			Lease Federal HAM		Well No. 1
Unit Letter N	Section 13	Township 9-S	Range 35-E	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 4105	Producing Formation San Andres		Pool Wildcat	Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



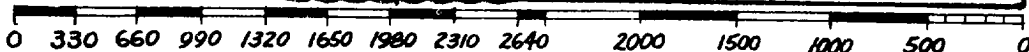
CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
Original Signed By:
Position E. S.
Area Superintendent
Company
Pan American Petroleum Corp.
Date
December 31, 1963

I hereby certify that the well location shown on the plat in SECTION B 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
5/21/56
Registered Professional Engineer and/or Land Surveyor
/s/ W. D. Hill (C.E.A.L.)
Certificate No.
1415



INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.

OWWO

COUNTY LEA FIELD Bough STATE NM MN 02648

OPR MC GRATH & SMITH, INC. MAP

4 Federal A-13

Sec 13, T-9-S, R-35-E CO-ORD

660' TBL, 1980' TWT of Sec.

Re-Cmp 2-10-70	CLASS		EL	
	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING				
10 3/4" at 413' w/420 SX				
7 5/8" at 4160' w/1400 SX				
5 1/2" Inr 3911-9615' w/150 SX				
5 1/2" at 3911' w/250 SX (tie back)				
LOGS EL GR RA IND HC A				

TD 9615'; PBD 9610'

TP (Bough "C") Perfs 9589-9605' P 65 BOPD + 350 BW. Pot based on 24 hr test.

Distribution limited and publication prohibited by subscribers' agreement.
Reproduction rights reserved by Williams & Lee Scouting Service, Inc.

CONT. DATE PROP DEPTH 9615' TYPE WO

F.R. 12-2-69
FD 9615' WO (Bough "C")
(Orig. Magnolia Pet. Co. #2 Capps-Federal, comp 9-6-66 thru Perfs 9589-9605', OTD 9615', OPB 9610', OWWO & Re-Cmp by Pan American Pet. Corp. on 1-12-64 thru Perfs 4746-4810', OFD 9615', OPB 4820', Temp. Aban 7-19-67)
12-22-69 TD 9615'; Drlg. Cmt @ 4820'
Ran 5 1/2" Casing (Tie Back)
2-16-70 TD 9615'; WO Completion Unit
2-23-70 TD 9615'; PBD 9610'; COMPLETE
2-26-70 COMPLETION REPORTED

COUNTY	Lea	FIELD	Wildcat	STATE	N.M.	NO.	OWWO
WC OPR.	Pan American Petroleum Corporation						MAP
NO.	1	LSE.	Federal "A"				
SEC.	13	T.	9S	BLK.	35E	SUR.	CO-ORD.
LOC. 660' fr S Line & 1980' fr W Line of Sec.							
Re- MI.	FROM		CLASS.		owd/P EL. 41192		
SPUD.	12-30-63	COMP.	1-18-64	FORMATION	DATUM	FORMATION	DATUM
IRT.							
CSG. & SX.							
10 3/4" 413' 420							
7 5/8" 4160' 1400							
5 1/2" 1nr 3911-9615' 150							
TBG.	DEPTH	SIZE					
LOGS	EL	GR	RA	IND	HC	A	
				TD 9615'		PB 4820'	
PROD INT.	(DAILY RATE)	BS&W	GH	GOR	GTY	C. P.	T. P.
4746-4810' Flwd 2666 MCFGPD 25/64"							850#
(San Andres)							
(SHUT IN GAS WELL)							
Distribution limited and publication prohibited by subscribers' agreement. Reproduction rights reserved by Williams & Lee Scouting Service, Inc.							
CONT.				PROP DEPTH PB 4800' TYPE			
DATE							

F.R. 1-9-64; OWWO, OTD 9615'
Formerly Magnolia Pet. Co., #2 Capps-Federal
P&A June, 1959.
PD 4800' - San Andres

1-7-64 TD 9615', PB 4820', prep to perf.
Perf @ 4840' W/4 SPF
Squeezed w/100 sx.

1-13-64 TD 9615', PB 4820', tstg.
Perf 4790-4810' W/2 SPF
Ac. 1500 gals,
Swbd 35 BLW/21 hrs & swbd down.
Perf 4746-70' W/2 SPF
Ac. 7000 gals

1-20-64 Flwd 33 BLO + 113 BLW/14 hrs thru 10/64" chk.
TD 9615', PB 4820', COMPLETED.
Flwd 1734 MCFGPD/30 mins thru 22/64" chk.

F.R. 2-4-65; Oper's Elev. 4128' KB
PD 12,100' - Devonian
2-8-65 TD 449', WOC.
2-15-65 Drlg. 4025'.
2-22-65 TD 4950', WOC. 3-1-65 Drlg. 6960'.
3-8-65 Drlg. 8475'.
3-15-65 Drlg. 9185'.
3-22-65 Drlg. 9850'.
DST 9522-78', open 3 hrs 30 mins,
GTS 13 mins, MTS 40 mins, OTS 1 hr 45 mins,
Flwd to tanks for 30 mins thru 1/4" chk.,
no gauge.
Flwd 55 BO + 14 BW in 1 hr 45 mins thru 1/8"
chk., FP 550#,
rev out 30 BO + 8 BW,
1 hr ISIP 2804#, FP 1815-2675#,
2 hr FSIP 2761#.

3-29-65 Drlg. 10665'.
5-65 Drlg. 11267'.
12-65 Drlg. 11702'.
4-19-65 TD 11923', conditioning hole.
DST 11902-913', open 2 hrs 30 mins,
pulled DP to 8283', hit oil,
rev out 41 BO (gravity 43.8), no wtr,
rec 90' O&GCM below sub,
1 hr ISIP 4485#, FP 587-1149#,
2 hr FSIP 4414#.
4-26-65 TD 11991', pulling core.
5-3-65 TD 11991', tstg Bough "C".
Cored 11941-991', rec 50' dolo., w/vuggy
to PPP, scatt frac throughout, cherty in
bottom 5', sli bldg oil & gas.

DST 11940-991', open 2 hrs,
used 1000' WB,
WBTS in 25 mins, GTS 33 mins, OTS 35 mins,
flowd to pits for 17 mins,
Flwd 27 BO in 1 hr 8 mins thru 1/2" chk.,
FTP 120#,
rev out 77 BO,
rec 90' GCM below sub,
1 hr ISIP 4508#, FP 2867-4263#,
2 hr FSIP 4508#.
Ac. 500 gals. (Open Hole 11940-991')
Perf (Bough "C") 9550-60' W/2 SPF
Ac. 500 gals.
Flwd 50 BLO + 48 BLW + 50 BFW in 18 hrs
thru 16/64" chk., TP 50-325#.

5-10-65 TD 11991', COMPLETED.
LOG TOPS: Bough "C" 9545', Cisco 9627' (?),
Atoka 10916', Lower Mississippian 11284',
Woodford 11774', Devonian 11923'.