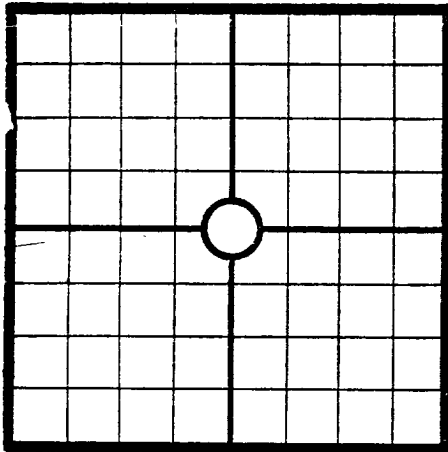




LOCATION ORDER

AND AUTHORITY TO START WELL

L. L. Smith

Date 2-28-44

This is your authority to make location and commence drilling at once:

Lease Nemex

Well No. 1

Authorization No. P-8911

Sec. Twp. Rge.

Location

1980' from West Line and 1980' from South Line of
Section 35-17S-33E, Lea County, New Mexico

APPROVED

Remarks:

Phillips Petroleum Company - Full Interest

Above described location has been made:

Elevation: Ground 4116'

(By elevation by
Derrick Floor, Est. 4123' (Laughlin & Simmons)

Location made Feb. 28, 1944

Rotary Tab 1e; 4125.65'

(Date)

Location made by C.S. Skinner

APPROVED

Immediately upon receipt of this order stake location and return the COMPLETED original to the Producing Department, Bartlesville, Oklahoma, and one copy to your Divisional Office. If it is necessary to change measurements for this location wire reason for making change and secure approval of Bartlesville office before proceeding with operations.

(This form when mailed to District office to be accompanied by cc, of "Proposal to Drill Well".)

cc - C. P. Dinit
J. S. Montgomery
C. O. Stark
D. E. Lounsbury

H. T. Sears
W. P. Moore
M. L. Atkinson
C. A. Daniels

Formation Record

Sheet #1

Lease **Nemox**

Well No. 1

FROM	TO	Formation	REMARKS
0	70'	Caliche and Boulders	
70'	115'	Sand and Gravel	
115'	308'	Red Rock	
308'	540'	Red Rock and Red Bed	
540'	640'	Red Rock	
640'	785'	Red Rock and Shells	
785'	855'	Red Rock and Shale	
855'	917'	Red Rock and Shells	
917'	987'	Red Rock	
987'	1100'	Red Rock and Shale	
1100'	1202'	Red Rock	
1202'	1230'	Shale and Shells	
1230'	1510'	Red Bed	
1510'	1530'	Anhydrite and Red Bed	1510' Top Rustler
1530'	2300'	Anhydrite	
2300'	2500'	Anhydrite and Salt	
2500'	2540'	Salt	
2540'	2610'	Salt and Anhydrite	
2610'	2620'	Salt	
2620'	2640'	Salt and Anhydrite	
2640'	2710'	Salt	
2710'	2720'	Anhydrite	
2720'	2740'	Anhydrite and Salt	
2740'	2750'	Anhydrite	
2750'	2780'	Anhydrite and Salt	
2780'	2840'	Anhydrite	
2840'	2870'	Anhydrite and Salt	
2870'	2890'	Anhydrite	
2890'	2900'	Salt and Anhydrite	2870' Top Yates
2900'	2910'	Anhydrite and Salt	
2910'	2920'	Anhydrite	
2920'	2940'	Anhydrite and Salt	
2940'	2970'	Anhydrite	
2970'	2980'	Anhydrite and Salt	
2980'	3010'	Salt and Anhydrite	
3010'	3020'	Salt, Sand and Anhydrite	
3020'	3030'	Anhydrite	
3030'	3050'	Anhydrite and Salt	
3050'	3060'	Anhydrite	
3060'	3080'	Anhydrite and Salt	
3080'	3110'	Salt and anhydrite	
3110'	3120'	Anhydrite and Salt	
3120'	3130'	Salt and Anhydrite	
3130'	3150'	Anhydrite	
3150'	3170'	Anhydrite and Dolomite	
3170'	3180'	Anhydrite, Dolomite and Dark Shale	
3180'	3210'	Anhydrite, Dolomite Sand and Dark Shale	
3210'	3220'	Anhydrite and Salt	

Form No. 877

Formation Record

Lease **Nemex**Well No. **1**

FROM	TO	Formation	REMARKS
3220'	3230'	Anhydrite, Salt, Dolomite and Dark Shale	
3230'	3240'	Anhydrite, Dolomite and Dark Shale	
3240'	3260'	Anhydrite, Dolomite, Red Bed and Dark Shale	
3260'	3270'	Anhydrite, Red Bed and Dolomite	
3270'	3280'	Anhydrite and Red Bed	
3280'	3290'	Anhydrite	
3290'	3300'	Anhydrite and Red Bed	
3300'	3310'	Anhydrite, Red Bed and Dolomite	
3310'	3320'	Anhydrite	
3320'	3330'	Anhydrite and Red Bed	
3330'	3340'	Anhydrite	
3340'	3350'	Anhydrite and Green Shale	
3350'	3370'	Anhydrite and Dolomite	
3370'	3380'	Anhydrite	
3380'	3390'	Anhydrite, Dolomite and Dark Shale	
3390'	3410'	Anhydrite, Salt and Dolomite	
3410'	3420'	Anhydrite and Dolomite	
3420'	3430'	Anhydrite, Dolomite and Dark Shale	
3430'	3440'	Anhydrite, Dolomite, Salt and Dark Shale	
3440'	3450'	Anhydrite and Salt	
3450'	3470'	Anhydrite	
3470'	3480'	Anhydrite and Salt	
3480'	3490'	Anhydrite and Dolomite	
3490'	3500'	Anhydrite, Dolomite and Dark Shale	
3500'	3510'	Anhydrite and Dolomite	
3510'	3520'	Anhydrite	
3520'	3530'	Anhydrite, Dolomite and Dark Shale	
3530'	3560'	Anhydrite and Dolomite	
3560'	3570'	Anhydrite and Dark Shale	
3570'	3580'	Anhydrite and Dolomite	
3580'	3590'	Anhydrite and Dark Shale	
3590'	3600'	Anhydrite	
3600'	3620'	Anhydrite and Dark Shale	
3620'	3650'	Anhydrite	
3650'	3680'	Anhydrite and Dark Shale	
3680'	3690'	Anhydrite	
3690'	3710'	Anhydrite and Dark Shale	
3710'	3720'	Anhydrite	
3720'	3730'	Anhydrite and Dark Shale	
3730'	3740'	Anhydrite	
3740'	3770'	Anhydrite and Red Bed	
3770'	3780'	Anhydrite, Dolomite and Dark Shale	
3780'	3810'	Anhydrite and Dark Shale	
3810'	3830'	Anhydrite, Red Bed and Dolomite	
3830'	3840'	Anhydrite	
3840'	3850'	Dolomite and Anhydrite	
3850'	3860'	Dolomite, Salt and Anhydrite	
3860'	3880'	Anhydrite, Dolomite and Red Bed	
3880'	3900'	Anhydrite, Sand, Red Bed and Dolomite	3880' Top Artesia Sand

Formation Record

Lease **Hemex**Well No. **1**

FROM	TO	Formation	REMARKS
3900'	3910'	Anhydrite, Dolomite and Sand	
3910'	3920'	Anhydrite and Sand	
3920'	3940'	Anhydrite, Sand, Red Bed and Dolomite	
3940'	4020'	Dolomite and Anhydrite	
4020'	4060'	Anhydrite and Dolomite	
4060'	4070'	Anhydrite, Red Bed and Dolomite	
4070'	4090'	Anhydrite and Red Bed	
4090'	4120'	Anhydrite and Dolomite	
4120'	4130'	Dolomite and Anhydrite	
4130'	4150'	Anhydrite and Dolomite	
4150'	4160'	Anhydrite, Red Bed and Dolomite	
4160'	4180'	Anhydrite, Red Bed, Dolomite and Sand	
4180'	4190'	Red Bed, Anhydrite and Dolomite	
4190'	4200'	Anhydrite, Red Bed and Sand	
4200'	4210'	Anhydrite, Dolomite and Red Bed	
4210'	4220'	Anhydrite, Dolomite, Red Bed and Sand	
4220'	4230'	Dolomite and Anhydrite	
4230'	4260'	Anhydrite, Dolomite and Red Bed	
4260'	4270'	Anhydrite, Dolomite, Red Bed and Sand	
4270'	4330'	Dolomite and Anhydrite	
4330'	4340'	Dolomite and Sand	
4340'	4370'	Dolomite	
4370'	4380'	Dolomite and Sand w/Green Shale inclusions	
4380'	4390'	Dolomite and Anhydrite	
4390'	4400'	Dolomite and Anhydrite w/Green Shale inclusions	
4400'	4410'	Sandy Dolomite w/Green Shale Inclusions	
4410'	4430'	Sandy Dolomite and Sand w/Green Shale inclusions	
4430'	4505'	Dolomite and Sand	4430-4475' Show Oil
4505'	4530'	Dolomite	4510'-4525' Show Oil
4530'	4545'	Dolomite and Sand	4540-4545' Show Oil
4545'	4555'	Dolomite	
4555'	4575'	Dolomite and Sand	
4575'	4615'	Dolomite	
4615'	4632'	Dolomite and Sand	
4632'	4765'	Dolomite	4640' Top Ellenberger

DAILY REPORT DETAILED

Sheet #1

LEASE *Phillips Petroleum* ~~Number~~WELL NO. *1*

DATE	TOTAL DEPTH	NATURE OF WORK PERFORMED
2-28-44		Location staked 1980' from South Line, 1980' from West Line, Section 35, 17-S, 33-E, Lea County, New Mexico.
2-29-44		Location.
3-1-44		Location.
3-2-44		Location.
3-3-44		Digging cellar.
3-4-5-44		Moving in derrick and rotary.
3-6-44		Building derrick, drilling water well.
3-7-44		Building derrick, moving in tools, drilling water well.
3-8-44		Building derrick. Pits complete.
3-9-44		Building derrick, water well and pits complete.
3-10-44		Building derrick.
3-11-12-44		Building derrick.
3-13-44		Rigging up.
3-14-44		Rigging up. Start surface hole today.
3-15-44		Drilling rat hole.
3-16-44	110	Sand and Gravel drilling. Spudded 8 AM 16th.
3-17-44	510	Drilling 11" hole; fuel Butane, contractor.
3-18-19-44	855	Red Rock and Red Bed drilling. 0 deg. 200', 0 deg. 500'
3-20-44	990	Red Rock and Shells drilling.
3-21-44	1125	Red Rock and Shale drilling.
3-22-44	1150	Red Rock drilling.
3-23-44	1150	Red Rock drilling. Down 16 hrs. repairing motor.
3-24-44	1150	Down 24 hrs. repairing motor.
3-25-26-44	1239	Down 24 hrs. repairing motor.
3-27-44	1465	Shale and Shale drilling. Down 24 hrs. 25th repair motor. 0 deg. 1000'.
3-28-44	1535	Red Bed drilling. 0 deg. 1500'
3-29-44	1535	Anhydrite drilling. Preparing to run 8 5/8" csg./
		Ran 8 jts. 161.25' 8 5/8" OD 32# Lapweld Casing
		10 "V" Thd. Condition "B", 63 jts. 1386.91' 8 5/8" OD 32# Lapweld 8 Rd. Thd. Csg. Condition "B" set 1527.36' with 650 sacks common cement and 4 sacks Aquagel. Plus to 1493'. Cement circulated. Job complete 5:30 PM 29th.
3-30-44	1535	Waiting on cement. Start up today at 5:30 PM.
3-31-44	1535	Tested casing. Drilling cement plug.
4-1-2-44	1975	Anhydrite drilling. 0 deg. 1990'
4-3-44	2300	Anhydrite and Salt drilling. 0 deg. 2000'
4-4-44	2680	Salt drilling. 1/3 deg. 2800'
4-5-44	2885	Anhydrite drilling. Down 5 hrs. fishing drill pipe 1600'.
4-6-44	3025	Anhydrite drilling.
4-7-44	3135	Anhydrite drilling. 1/3 deg. 3000'.
4-8-9-44	3410	Anhydrite and Dolomite drilling.
4-10-44	3500	Anhydrite and Dolomite drilling.
4-11-44	3610	Anhydrite and Dark Shale drilling.
4-12-44	3705	Anhydrite and Dark Shale drilling.

DAILY REPORT DETAILED

Sheet #3

LEASE NemexWELL NO. 1

DATE	TOTAL DEPTH	NATURE OF WORK PERFORMED
4-13-44	3806	Anhydrite and Dark Shale drilling. 2 deg. 3500'.
4-14-44	3906	Anhydrite, Dolomite and Sand drilling.
4-15-16-44	4025	Anhydrite and Dolomite drilling.
4-17-44	4100	Anhydrite and Dolomite drilling.
4-18-44	4125	Dolomite and Anhydrite drilling. Down 5 hrs. change pump liners.
4-19-44	4165	Anhydrite, Red Bed, Dolomite and Sand drilling.
4-20-44	4200	Anhydrite, Dolomite and Red Bed drilling.
4-21-44	4249	Anhydrite, Dolomite and Red Bed drilling. 2/4 deg. 4000'.
4-22-23-44	4285	Dolomite and Anhydrite drilling. (32 hrs. repair clutch)
4-24-44	4290	Dolomite and Anhydrite drilling. Down 18 hrs. repair ing motor.
4-25-44	4314	Dolomite and Anhydrite drilling, changing motors.
4-26-44	4350	Dolomite drilling.
4-27-44	4375	Dolomite and Sand w/Green Shale Incls. drilling.
4-28-44	4382	Dolomite and Anhydrite drilling.
4-29-30-44	4467	Dolomite drilling.
5-1-44	4517	Dolomite drilling. 1/2 deg. 4500'.
5-2-44	4543	Dolomite and Sand drilling. Down 12 hrs. circulating
5-3-44	4543	Dolomite and Sand drilling. Ran 145 jts. 5 1/2" CD, 4554.31' 147, H-40 Csg. set 4523.96' 100 sx. Trinity Common Cement, plug 4487'. Completed 5:00 AM, 4th.
5-4-44	4543	Waiting on cement.
5-5-44	4543	Waiting on cement.
5-6-7-44	4543	Moving out tools.
5-8-44	4543	Moving out tools.
5-9-44	4543	Tearing down derrick.
5-10-44	4543	Tearing down derrick.
5-11-44	4543	Tearing down derrick.
5-12-44	4543	Moving derrick from location.
5-13-14-44	4543	Waiting on contractor.
5-15-44	4543	Waiting on contractor.
5-16-44	4543	Waiting on contractor.
5-17-44	4543	Waiting on contractor.
5-18-44	4543	Moving in tools, Weir Drilling Company.
5-19-44	4543	Moving in tools.
5-20-21-44	4543	Moving in tools.
5-22-44	4543	Moving in tools.
5-23-44	4543	Moving in and rig up.
5-24-44	4543	Rig up tools.
5-25-44	4543	Rigging up tools.
5-26-44	4543	8 hrs. rigging up tools, daylight only.
5-27-28-44	4543	8 hrs. bailing rotary mud, rigging up 36 hrs.
5-29-44	4543	Bailing out rotary mud 8 hrs. Now drilling cement plug, tested casing.
5-30-44	4543	Drilled cement plug, bailed hole, ready to drill ahead.
5-31-44	4550	Dolomite drilling.
6-1-44	4550	Down 24 hrs. bailed rotary mud and repaired rig.
6-2-44	4588	Now drilling ahead.
6-3-4-44	4619	Dolomite drilling.
		Dolomite and Sand. Sand stringer 4588-19. Producing

DAILY REPORT DETAILED

Sheet #3

LEASE NamexWELL NO. 1

DATE	TOTAL DEPTH	NATURE OF WORK PERFORMED
		salty water with sulphur odor. 13 hr. bailing test 35 bbls. water, no oil. Down 24 hrs. repairing rig and fishing bailer. Will drill ahead when bailer recovered.
6-5-44	4621	Dolomite drilling. Down 20 hrs. fish and recover bailer and repair lines.
6-6-44	4660	Dolomite drilling, 800' water in hole.
6-7-44	4690	Dolomite drilling. Top fluid 3590', water.
6-8-44	4690	No report.
6-9-44	4753	Dolomite drilling. 3000' water in hole.
6-10-11-44	4765	Dolomite drilling. 300' water. Preparing to plug and abandon well.
6-12-44	4765	Preparing to plug and abandon.
6-13-44	4765	Preparing to plug and abandon.
6-14-44	4765	Moving in equipment to plug well.
6-15-44	4765	Moving in plugging equipment.
6-16-44	4765	Ran tubing to 4760'; mixing and pumping mud into hole.
6-17-18-44	4765	Mixed and circulated mud, ready to spot cement 4620-4720' / 4466-4566' to plug.
6-19-44	4765	Down 24 hrs. repair clutch on unit.
6-20-44	4765	No report.
6-21-44	4765	Tubing stuck 22' off bottom at 4743'. Working tubing loose to plug with cement.
6-22-44	4765	Tubing stuck 22' off bottom at 4743'. Will attempt to pull today.
6-23-44	4765	Shut down 24 hrs, tubing stuck 22' off bottom. Will attempt to pull today.
6-24-25-44	4765	Shut down 48 hrs. 2" tubing stuck 22' off bottom.
6-26-44	4765	Down 24 hrs. tubing stuck 22' off bottom.
6-27-44	4765	Down 24 hrs. tubing stuck 22' off bottom.
6-28-44	4765	Shot off tubing 4000', pulling tubing 42 jts. out.
6-29-44	4765	Pulled remaining tubing 87 jts. Replaced shot-off jt. with good jt. Ran 129 jts. tubing. Will spot 20 sx. cement 4000'.
6-30-44	4765	Spotted 20 sx. cement 4000'. Pulling tubing preparing to shoot off 5 1/2" casing at 3600'.
7-1-2-44	4000	Shot 5 1/2" 3600', 3500', 3400' and 3300'. Now pulling 5 1/2" casing from 3300'.
7-3-4-44	4000	Pulling 5 1/2" csg. 35 jts. out. 3rd. Down 24 hrs. waiting on repairs to pulling unit.
7-5-44	4000	Pulled 5 1/2" csg. total 106 jts. Ran 2" tbg. to spot cement at 8 5/8" csg. shoe 1527.66'.
7-6-44		Plugged. Spotted 20 sx. cement 1527', 10 sx. 10' in cellar and set 4" pipe marker and completed plugging hole. Total csg. recovered later.
7-7-44		Recovered 3344' 5 1/2" casing. Drop from report.