NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator	Lease	Well No.
Llano, Inc.	Grama Ridge Morrow Unit	1

Unit Letter	Section	Township	Range	County
E	3	22 South	34 East	Lea

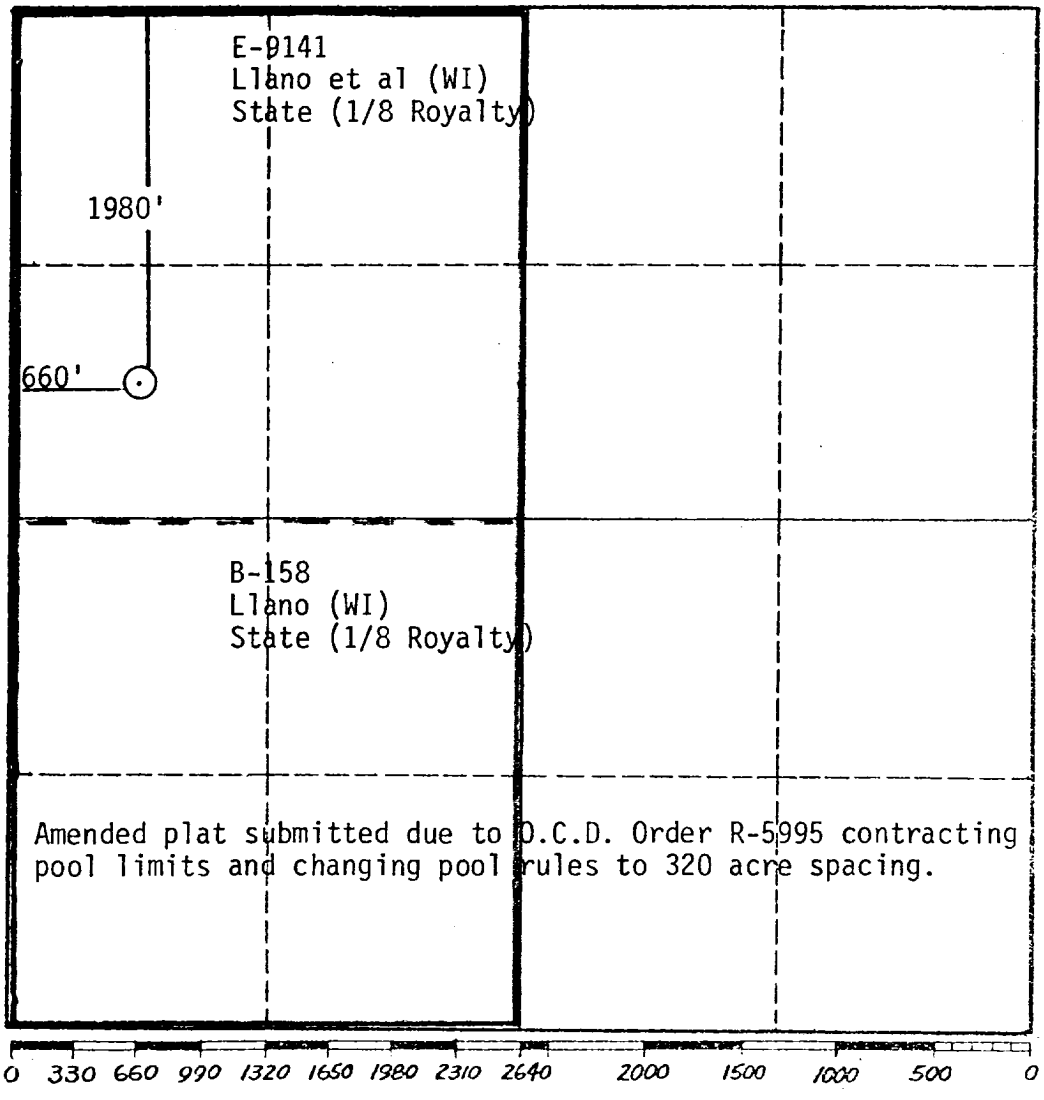
Actual Footage Location of Well: 660 feet from the West line and 1980 feet from the North line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3630	Morrow	Grama Ridge Morrow (Gas)	320 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO X . (*"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 X NO _____ . If answer is "yes," Type of Consolidation Unit Agreement
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



Amended plat submitted due to O.C.D. Order R-5995 contracting pool limits and changing pool rules to 320 acre spacing.

CERTIFICATION

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

Al Klaar

Name: Al Klaar

Position: Mgr. Pet. & N.G. Engr.

Company: Llano, Inc.

Date: May 2, 1979

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: 5-29-65

Registered Professional Engineer and/or Land Surveyor: John W. West

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

HOBBS OFFICE O.C.C. HOBBS OFFICE O.C.C.

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

MAY 24 12 42 PM '66 JUN COM 11 33 AM '66

Operator	Lease	Well No.
Shell Oil Company (Western Division)	State "COM"	1

Unit Letter	Section	Township	Range	County
E	3	22S	34E	Lea

Actual Footage Location of Well:

1980 feet from the north line and 660 feet from the west line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3630'	Morrow Gas	Grama Ridge-Morrow Gas	640 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

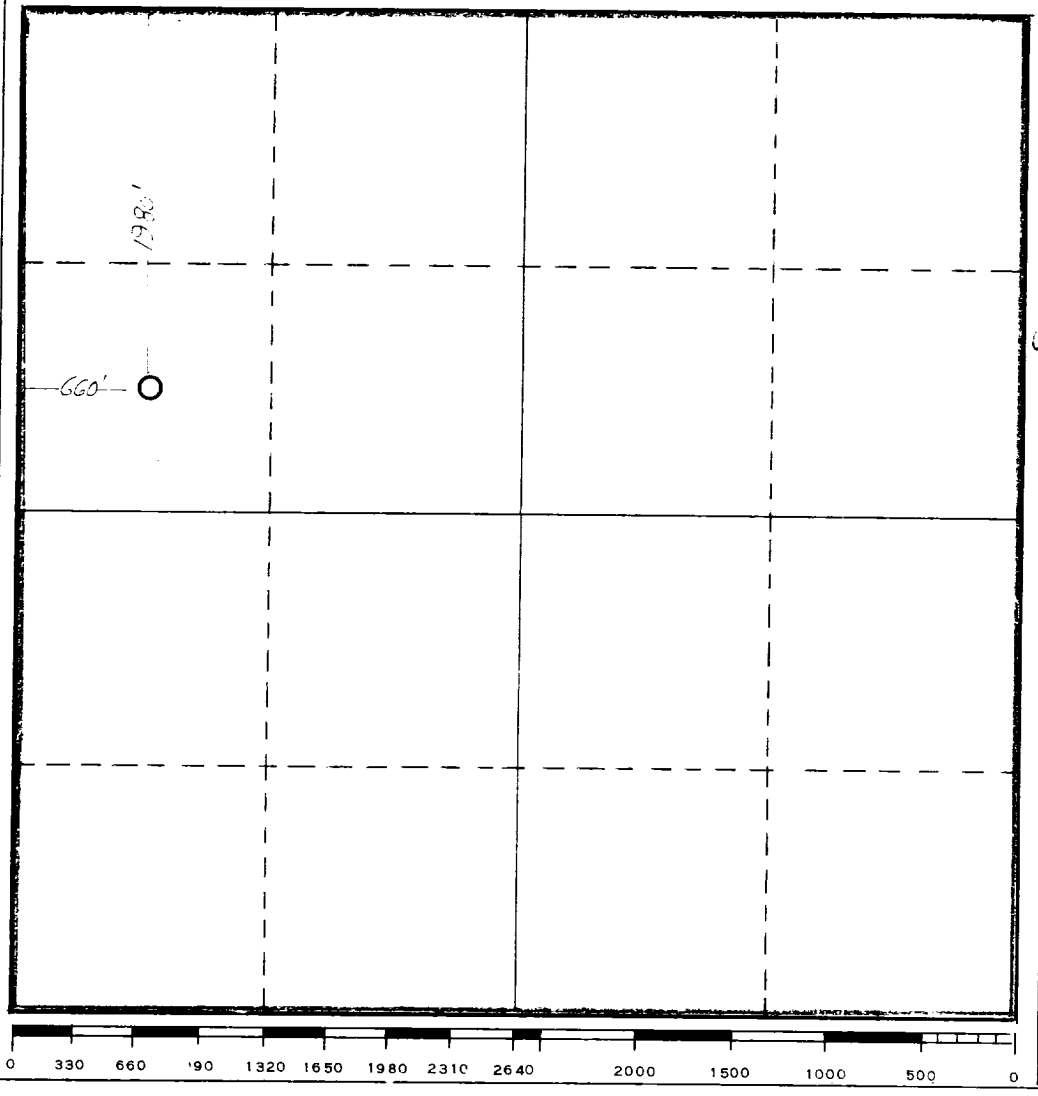
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 Communitization

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

Name: J. D. Duren

Position: Staff Exploitation Engineer

Company: Shell Oil Company

Date: May 23, 1966

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.

COUNTY LEA FIELD Grama Ridge STATE NM OWWO

MAP

OPR SHELL OIL COMPANY

CO-ORD

1 State GRA Com

Sec. 3, T-22-S, R-34-E

1980' FSL, 660' FWL of Sec.

ELEV. [redacted]

Re-Cmp 3-12-68

CLASS Gas

FORMATION	DATUM	FORMATION	DATUM

CSG & SX - TUBING

16" 370' 400

10 3/4" 5643' 1500

7 5/8" 11820' 1000

3½" Inr 11474-13252' 260

LOGS EL GR RA IND HC A

PBD 13257', PBD 13207'

Morrow Perfs 12827-13021' - NO NEW POTENTIAL

PROP DEPTH TYPE WO

CONT.

DATE

3-25-68 E.R.C. 3-28-68; OWWO
(Orig. Cmp 8-26-68 thru Perfs 12827-847', OPD
13257', OPB 13207')
PD 13257', PBD 13207', COMPLETE
Perf @ 12964', 12985', 13017', 13112',
13015', 13018', 13021' W/1 SPF
Flwd gas @ 4.7 MMCFGPD + 127 B Cond. in 24
hrs (12827-13021')

8-9-65 Continued
Cored 13091-124', rec 33' blk sh., w/scatt bldg gas.
SP DST 13022-054', failed.
DST 13022-124', open 4 hrs,
G&WBTS in 20 mins, flwd to pits for 25 mins,
Flwd 9600 MCFGPD + 37 B Cond. Per million thru 38/64" chk. for 2½ hrs, SFP 2350#,
gravity (cond.) 52.7,
Flwd 9300 MCFGPD + 15 B Cond last hr thru 38/64" chk.,
Rec 350' cond. + 40' MC Cond.,
2 hr ISIP 7569#, FP 2696-3459#,
4 hr FSIP 7178#.

8-16-65 TD 13257', WO Potential.

Perf @ 12827', 12829', 12831', 12837', 12839', 12843', 12845', 12847' W/1 SPI
Flwd 8200 MCFGPD thru 18/64" chk., Natural,
In 17 hrs produced 41 bbls cond., gravity 48.2.
TD 13257', PBD 13207', COMPLETED.

8-23-65 FOUR-POINT TEST:

Volume	Choke	Time	TP	B Cond.
6716 MCFGPD	14/64"	3 hrs	5082#	7.5
8193 MCFGPD	16/64"	3 hrs	4845#	8.3
9273 MCFGPD	18/64"	4 hrs	4588#	10.8
11901 MCFGPD	21/64"	3 hrs	4094#	11.7

Completed Natural.

COUNTY LEA FIELD Undesignated STATE NM

OPR SHELL OIL COMPANY MAP

1 State "GRA"

Sec. 3, T-22-S, R-34-E CO-ORD

1980' fr N Line & 660' fr W Line of Sec.

Spd 6-1-65 CLASS E[redacted]

Cmp 8-20-65

CSG & SX - TUBING			LOG:	FORMATION	DATUM	FORMATION	DATUM
16"	370'	400		B Spg 8263			
10 3/4"	5643'	1000		Wolfc 11268			
9 5/8"	11820'	700		Des Moines			
5½" lnr	11474-13252'	260		11618			
				Atoka 11894			
				Morrow			
LOGS EL GR RA IND HC A				12723			
				TD 13257', PBD 13207'			

IP Morrow Perfs 12827-847' CAOF 26,500 MCFGPD. Pot. Based on 4-point test, 57 hr SITP 6025#, gravity (Cond.) 48.2.

CONT. PROP DEPTH 13,400' TYPE

DATE

	F.R. 6-4-65
	PD 13,400' - Pennsylvanian
6-7-65	Drlg. 3850' anhy & gyp.
6-14-65	Drlg. 5360'.
6-21-65	Drlg. 8200'.
6-28-65	Drlg. 10220' lm.
7-6-65	TD 11820', prep to run casing.
7-12-65	Drlg. 12129' lm & ch.
7-19-65	Drlg. 12430' lm & ch.
	DST 12275-338', open 2 hrs 19 mins,
	GTS 10 mins @ TSTM,
	rec 40' sli GCM,
	ISIP Failed, FP 112-84#,
	FSIP Failed.
7-26-65	Drlg. 12650'.

8-2-65 TD 12965', pulling core barrel.
Cored 12810-862', rec 52' being:
25.2' sd., w/poor poro., tr. bldg gas;
19.9' siltstone & sh; 6.9' siltstone.
Cored 12862-889', rec 27' being:
2.4' sd., w/some poro & scatt fracs; 9.8'
blk sh; .7' siltstone; 14.1' siltstone & sh.
DST 12706-889', open 2 hrs 53 mins,
tool leaked
GTS 5 mins, WBTS 6 mins, MTS 23 mins,
Flwd 12,000 MCFGPD for 35 mins thru 28/64"
chk., SIP 5105#;
Flwd 10,000 MCFGPD for 38 mins thru 18/64"
chk., SIP 4950#;
Rec 1410' sli GCM,
3 hr 15 min ISIP 7611#, FP 6619-7429#,
4 hr FSIP 7590#.

Cored 12889-941', rec 52' being:
8' sd., porous w/bldg gas; 26.2' blk sh; 3.6'
siltstone, w/scatt foss, bldg gas; 14.2' silt
& sh.
8-9-65 TD 13237', pulling Drill Pipe.
Cored 12941-965', rec 21' being:
8.1' shly siltstone, sli calc; 12.9' blk sh;
Cored 12965-13017', rec 52' being:
5.6' shly sd; 23' blk sh, bldg gas; 9.4' sh.
& silt; 14' shly siltstone, w/scatt bldg gas.
Cored 13017-069', rec 52' being:
4' porous sd., bldg gas; 14.7' sd., w/scatt
bldg gas; 24.3' blk sh, bldg gas; 9' sh & silt.
Cored 13069-091', rec 22' blk sh., w/scatt
bldg gas.