

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH-INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
J.R. Hughes District Deviation Record (Electrical logs attached and attached information is complete and correct)	11,720'	11,824'	CD 254
	12,760'	12,780'	CD 404 & 396
	13,056'	13,112'	CD 24.25
	14,061'	14,112'	CD 254
SEE ATTACHED			
MAR 2 1978 OIL CONSERVATION COMM. HOUSTON, TEXAS			

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Rustler	1,670'		Same
Base Salt	3,804'		
Yates	4,048'		
Delaware Sand	5,988'		
Bone Spring	8,859'		
T. Wolfcamp	11,720'		
T. Strawn	12,760'		
T. Atoka	13,056'		
T. Morrow	14,061'		

39. OIL COMPANY OF CALIFORNIA
P.O. Box 671 - Midland, Texas 79702
660' FWL and 1980' FWL
Rustler, Yates, Delaware Sand, Bone Spring, T. Wolfcamp, T. Strawn, T. Atoka, T. Morrow

OPERATOR: Union Oil Company of California
LEASE: Luzon Federal
WELL NO.: 1
LOCATION: Section 13, Unit Letter B,
Township 24 South, Range 35 East,
Lea County, New Mexico

DRILL STEM TESTS

- D.S.T. No. 1 - 8,089' to 8,240' - Delaware - Opened tool for 15 min. pre-flow, weak blow. Closed tool for 45 min. I.S.I.P. Opened tool for 1 hour, weak blow throughout. Closed tool for 3 hour F.S.I.P. Pulled tool, recovered 240' drilling mud. 15 min. I.F.P. 72#-85#, 45 min. I.S.I.P. 3264#, 60 min. F.F.P. 96#-160#, 3 hour F.S.I.P. 3364#, I.H.P. 3666#, F.H.P. 3678#, Bottom Hole Temperature 120 deg.
- D.S.T. No. 2 - 12,630' to 12,680' - Opened tool for 15 min. pre-flow, fair blow. Closed tool for 45 min. I.S.I.P. Opened tool for 1 hour, gas volume T.S.T.M. to 50 MCF/D, decreasing to T.S.T.M. at end of test. Closed tool for 3 hour F.S.I.P. Pulled tool, recovered 1445' gas and oil cut drilling mud, no water. 15 min. I.F.P. 204#-223#, 45 min. I.S.I.P. 6230#, 60 min. F.F.P. 260#-427#, 3 hour F.S.I.P. 6230#, I.H.P. 6602#, F.H.P. 6583#, Bottom Hole Temperature 166 deg.

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MAR 21 1978

OIL CONSERVATION COMM.
HOUSTON, N. M.

WELL NAME AND NUMBER LUZO FEDERAL NO. 1

LOCATION 660' FNL & 1980' FEL of Section 13, Township 24 south, range 35 east
(Give Unit, Section, Township and Range)

OPERATOR UNION OIL COMPANY OF CALIFORNIA

DRILLING CONTRACTOR MCVAY DRILLING COMPANY

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° 200'</u>	<u>0 7335'</u>	<u>7° 11,825'</u>
<u>1/2° 506'</u>	<u>1 3/4° 7622'</u>	<u>6° 12,000'</u>
<u>1° 1016'</u>	<u>1° 7800'</u>	<u>6° 12,129'</u>
<u>1 1/2° 1500'</u>	<u>1 1/2° 8200'</u>	<u>5 3/4° 12,240'</u>
<u>1 1/2° 2000'</u>	<u>2 3/4° 9000'</u>	<u>4 1/2° 12,390'</u>
<u>1° 2200'</u>	<u>3° 9400'</u>	<u>3° 12,630'</u>
<u>1° 2932'</u>	<u>3° 9631'</u>	<u>2 3/4° 12,800'</u>
<u>1/2° 3293'</u>	<u>3° 9900'</u>	<u>2 1/2° 12,950'</u>
<u>3/4° 3400'</u>	<u>3° 10215'</u>	<u>3 1/4° 13,200'</u>
<u>1° 4037'</u>	<u>3 1/2° 10,750'</u>	<u>3 1/2° 13,390'</u>
<u>3/4° 4348'</u>	<u>4 3/4° 11,100'</u>	<u>3 1/2° 13,505'</u>
<u>1 3/4° 5760'</u>	<u>7° 11,300'</u>	<u>4° 13,860'</u>
<u>1/4° 5950'</u>	<u>7 3/4° 11,380'</u>	<u>4° 13,903'</u>
<u>1/2° 6400'</u>	<u>7 1/2° 11,450'</u>	<u>4° 13,980'</u>
<u>1/2° 6898'</u>	<u>7 3/4° 11,550'</u>	<u>3 3/4° 14,160'</u>

Drilling Contractor _____

By: _____

Subscribed and sworn to before me this 17th day of February, 1940

Notary Public

My Commission Expires: Feb 1, 1942

Lea County West Me.

RECEIVED

MAR 21 1978

OIL CONSERVATION COMM.
HOBBS, N. M.

WELL NAME AND NUMBER LUZON EDERAL No. 1

LOCATION 660' FNL & 1980' FEL of Section 13, Township 24 south, range 35 east
(Give Unit, Section, Township and Range)

OPERATOR UNION OIL COMPANY OF CALIFORNIA

DRILLING CONTRACTOR MCVAY DRILLING COMPANY

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth

4⁰ 14,520'

4⁰ 14,810'

4 $\frac{1}{4}$ ° 14,880'

Degrees @ Depth

Degrees @ Depth

Drilling Contractor

By:

Subscribed and sworn to before me this

day of

, 1944

Notary Public

My Commission Expires:

County

RECEIVED

MAR 21 1978

OIL CONSERVATION COMM.
HOBBS, N. M.