

index file

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 10-8-70

Re: Proposed NSP _____
Proposed NWI _____
Proposed NSL _____
Proposed NFO _____
Proposed MC ✓

Gentlemen:

I have examined the application dated 10-2-70
for the Southern Union Prod Co Jicarilla LA 4 6-9-24N-5W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

Emory C. Smith

SOUTHERN UNION PRODUCTION COMPANY

COPY

OCTOBER 2, 1955

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 2283
SANTA FE, NEW MEXICO 87501

ATTENTION: Mr. A. W. Porter

DEAR SIR:

ENCLOSED ARE THREE (3) COPIES EACH OF THE FOLLOWING FORMS TO COVER
SOUTHERN UNION PRODUCTION COMPANY'S JICARILLA "L" NO. 4 WELL LOCATED
1650 FEET FROM THE NORTH LINE AND 1700 FEET FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 24 NORTH, RANGE 5 WEST, T.24N.R.5E., BIG BEND A
COUNTY, NEW MEXICO:

1. APPLICATION FOR MULTIPLE COMPLETION - FORM C-107
2. OFFSET OPERATOR'S PLAN
3. WELL COMPLETION SCHEMATIC DIAGRAM

ALSO ENCLOSED IS ONE (1) COPY EACH OF THE PACKER-SETTING AFFIDAVIT
AND THE INDUCTION ELECTRIC LOG.

YOURS TRULY,

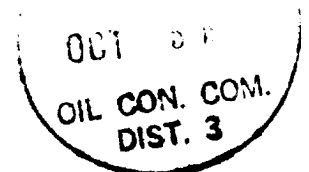
SOUTHERN UNION PRODUCTION COMPANY

Signed by
GILBERT D. NOLAND JR.

GILBERT D. NOLAND, JR.
DRILLING SUPERINTENDENT

COPY TO:
ENCLOSURE

CC: NEW MEXICO OIL CONSERVATION COMMISSION
10010 IRLAND ROAD, AZTEC, NEW MEXICO 87410
CONTINENTAL OIL COMPANY
P. O. BOX 5728, DENVER, COLORADO 80201
GULF OIL CORPORATION
P. O. BOX 100, HOUSTON, TEXAS 77002
PENNY CO. TECHNICAL - EXPLORATION



NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator SOUTHERN UNION PRODUCTION COMPANY		County RIO ARriba		Date OCTOBER 1, 1970
Address P. O. Box 808, FARMINGTON, NEW MEXICO		Lease JICARILLA #L#		Well No. 4
Location of Well G	Unit 9	Section 24 NORTH	Township 5 WEST	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO

2. If answer is yes, identify one such instance: Order No. **MC-1796**; Operator Lease, and Well No.: **SOUTHERN UNION PRODUCTION COMPANY, JICARILLA #L# No. 2**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	OTERO GALLUP		BASIN DAKOTA
b. Top and Bottom of Pay Section (Perforations)	5884 - 5874		6804 - 6880
c. Type of production (Oil or Gas)	OIL		GAS
d. Method of Production (Flowing or Artificial Lift)			FLOWING

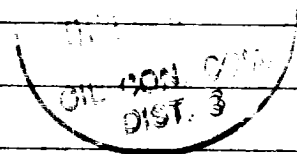
4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

CONTINENTAL OIL COMPANY, P. O. Box 5728, DENVER, COLORADO 80201

GULF OIL COMPANY, GULF BUILDING, Box 2100, HOUSTON, TEXAS 77002



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO. If answer is yes, give date of such notification **OCTOBER 1, 1970**.

CERTIFICATE: I, the undersigned, state that I am the **DRILLING SUPERINTENDENT** of the **SOUTHERN UNION PRODUCTION** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Robert D. Roland J.
ROBERT D. ROLAND, JR. Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

SOUTHERN UNION PRODUCTION COMPANY

SURFACE HOLE SIZE = 12-1/4"

PRODUCTION HOLE SIZE = 7-7/8"

WELL: JICARILLA #L# No. 4

LOCATION: 1650 FT. FROM THE NORTH LINE &
1700 FT. FROM THE EAST LINE OF
SECTION 9, TOWNSHIP 24 NORTH,
RANGE 5 WEST, N.M.P.M., RIO ARRIBA
COUNTY, NEW MEXICO.

FIELD: BASIN DAKOTA-OTERO GALLUP
DUAL COMPLETION

SURFACE CASING: 8-5/8", 24.0#, J-55 SET AT
303 FT. R.K.B. CEMENTED TO
SURFACE W/250 SACKS

TOP CEMENT ON 3RD STAGE AT SURFACE

STAGE COLLAR SET AT 3506 FT. R.K.B.

CEMENTED W/1300 CU.FT. CEMENT.

TOP CEMENT ON 2ND STAGE 3506 FT. R.K.B.

STAGE COLLAR SET AT 4864 FT. R.K.B.

CEMENTED W/375 CU. FT. CEMENT

TOP CEMENT ON 1ST STAGE 5100 FT. R.K.B.

2-1/16", 3.25#, YCO-55 TBG. SET TO GALLUP
AT 5782 FT. R.K.B. TBG. PERFORATED
AT 5774 TO 5782 FT. R.K.B.

BAKER 5 1/2" MODEL #D# PRODUCTION PACKER SET AT
6595 FT. R.K.B.

2-1/16", 3.25#, YCO-55 TBG. SET TO DAKOTA.
LANDED AT 6831 FT. R.K.B. TBG.
PERFORATED FROM 6823-6831 FT. R.K.B.

5 1/2", 15.5#, K-55 PRODUCTION CSG. SET AT 6924 FT.
R.K.B. 1ST STAGE CEMENTED W/600
CU. FT. CEMENT

P.B.T.D. 6897 FT. R.K.B.

TOTAL DEPTH 6897 FT. R.K.B.

LARKIN FIG. 502, 5 1/2" CENTRALIZERS
RUN ON 32 FT. SPACING ACROSS
GALLUP FROM 5573 FT. - 5960 FT.
R.K.B. LARKIN 5 1/2" RECIPROCATING
SCRATCHERS RUN ON 10 FT. SPACING
FROM 5573 FT. - 5960 FT. R.K.B.

LARKIN FIG. 502, 5 1/2" CENTRALIZERS
RUN ON 32 FT. SPACING AND 5 1/2"
RECIPROCATING SCRATCHERS RUN ON 10
FT. SPACING ACROSS DAKOTA FROM
6565 FT. - 6920 FT. R.K.B.

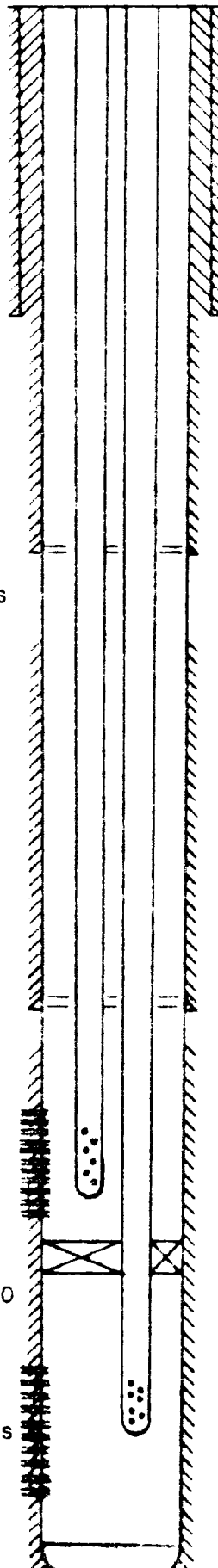
5884 FT.
GALLUP PERFORATIONS

5874 FT.

6804 FT.

DAKOTA PERFORATIONS

6880 FT.

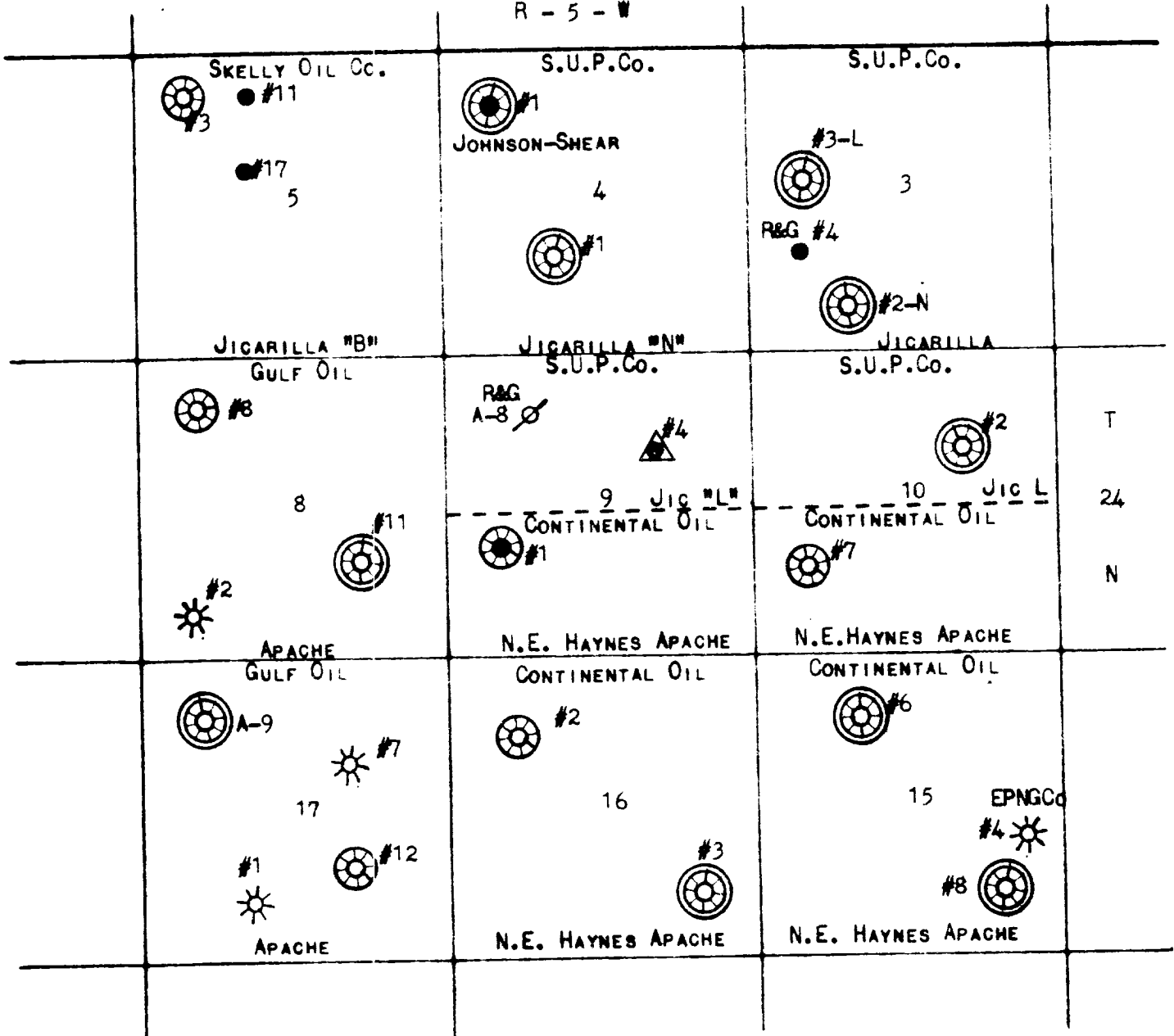


OFFSET OPERATOR'S PLAT
TO
SOUTHERN UNION PRODUCTION COMPANY'S

WELL: JICARILLA "L" No. 4

LOCATION: 1650 FT./N & 1700 FT./E OF SECTION 9,
TOWNSHIP 24 NORTH, RANGE 5 WEST
RIO ARriba COUNTY, NEW MEXICO

R - 5 - W



PROPOSED DAKOTA-GALLUP DUAL COMPLETION

DAKOTA-GALLUP DUAL

DAKOTA

PICTURED CLIFFS

GALLUP

DAKOTA-GALLUP-CHACRA

DAKOTA-GALLUP-GREENHORN

PLUGGED & ABANDONED