

## UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

P. O. Box 965 Farmington, New Mexico

November 3, 1955

Stanolind Cil & Cas Company Box 487 Farmington, New Mexico

Re: Jicarilla Contract 146
Tract 243

Gentlemen:

Receipt is acknowledged of your "Motice of Intention to Drill" dated November 2, 1955 covering your well No. 5 Jicarilla Contract #166 in Not see. 3, T. 25 N., R. 5 N., N. M. P. M., Rio Arriba County, New Mexico, South Blanco-Pictured Cliffs ext.

Your preposed work is hereby approved subject to compliance with the provisions of the "Gil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

- 1. Drilling operations so authorised are subject to the attached sheet for general conditions of approval.
- 2. Furnish copies of all legs.

Very truly yours,

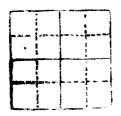
(Orig. Sgd.) P. T. McGRATH

P. T. McGrath
District Engineer

PTMcGrath:ac cc: Jicarilla Agency







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## UNITED STATES DEPARTMENT OF SHIE BITERION

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January Paris

(SUBMIT IN TRIPLICATE)

## **UNITED STATES**

## **DEPARTMENT OF THE INTERIOR** GEOLOGICAL SURVEY

| Budget Bureau No. 42-R-359. |  |
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| Approval expires 12-31-55.  |  |

| dian Agency |    |        |  |
|-------------|----|--------|--|
| Jicaril     | la | Apache |  |

Superintendent

Losso No. Jicarilla Contract

| DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)  We propose to drill the well to approximately 3100°. Rotary tools will be used to total depth. Anticipate production in the Pictured Cliffs formation. Stimulation will be with sand and water.  The following casing program is proposed:    Size   Depth   Cement   Remarks:   200% of theoretical fill.   5-1/2"   3050°   100 Sx   100% of theoretical fill.   Copies of location plat are attached. A copy of any survey taken will be submitted upon completion of well.  I understand that this plan of work must receive approval in writing by the Geological Survey for the commenced.  Stanolind Oil & Gas Company   | NOTICE OF INTENTION TO DE  | RILL  | X SUBSEQUENT RE   | PORT OF WATER SHUT-OFF   |                                 |
|--|--|---|---|--|---------------------------------|
| NOTICE OF INTENTION TO REDRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE  SUBSEQUENT REPORT OF REDRILLING OR REPAIR NOTICE OF INTENTION TO PLUE OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  FATMINGTON, New Mexico  November 219 55   FATMINGTON, New Mexico  November 219 55   **NOTED  FATMINGTON, New Mexico  November 219 55  **NOTED  FATMINGTON, New Mexico  | NOTICE OF INTENTION TO CH  | IANGE PLANS.  | SUBSEQUENT RE   | PORT OF SHOOTING OR ACIDIZING  |                                 |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO ABANDON WELL    Supplementary Well HISTORY.   Farmington, New Mexico November 219 55   Well No. 5   | NOTICE OF INTENTION TO TE  | ST WATER SHUT-OFF   | SUBSEQUENT RE   | PORT OF ALTERING CASING  |                                 |
| NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL    Supplementary well history   Supplementary well history   | NOTICE OF INTENTION TO RE  | DRILL OR REPAIR WELL  | SUBSEQUENT RE   | EPORT OF REDRILLING OR REPAIR  |                                 |
| (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DAYA)  Farmington, New Mexico November 219 55  Jicarilla Contract #146  Well No. 5 is located 1650 ft. from Nilline and 950 ft. from Willine of sec. 3  W/4 of Section 3 T-25-N R-5-W NMPM  (18 Sec and Sec No.) (Twp.) (Range) (Meridian)  1th Blanco-Pictured Cliffs Rio Arriba New Mexico (Thaid) (County or Subdivision) (State or Territory)  The elevation of the derrick floor above sea level is 6582 ft.  DETAILS OF WORK  State names of and expected depths to objective sands, show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comentating policy, and all other important proposed work)  We propose to drill the well to approximately 3100'. Rotary tools will be used to total depth. Anticipate production in the Pictured Cliffs formation. Stimulation will be with sand and water.  The following casing program is proposed:  Size Depth Cement Remarks:  8-5/8" 150' 75 Sx 200% of theoretical fill.  Copies of location plat are attached. A copy of any survey taken will be submitted upon completion of well.  Lunderstand that this plan of work must results approval in writing by the Geological Science of the Commenced.  Company Stanolind Oil & Gas Company  | NOTICE OF INTENTION TO SH  | OOT OR ACIDIZE  | SUBSEQUENT RE   | PORT OF ABANDONMENT  |                                 |
| Farmington, New Mexico November 219 55  Jicarilla Contract #146  Well No. 5 is located 1650 ft. from November 219 55  W/4 of Section 3 T-25-N R-5-W NMPM  (N Section 3 T-25-N R-5-W NMPM  (N Section 6 Research No.) (Twp.) (Range) (Meridian)  Ith Blanco-Pictured Cliffs Rio Arriba New Mexico  (Field) (County or Subdivision) (State or Territory)  The elevation of the derrick floor above sea level is 6582 ft.  DETAILS OF WORK  State names of and expected depths to oblestive sends, show size, weights, and langths of proposed casings, indicate mudding jobs, comentage proposed to total depth. Anticipate production in the Pictured Cliffs formation. Stimulation will be with sand and water.  The following casing program is proposed:  Size Depth Cement Remarks: 8-5/8" 150" 75 Sx 200% of theoretical fill. 5-1/2" 3050' 100 Sx 100% of theoretical fill.  Copies of location plat are attached. A copy of any survey taken will be submitted upon completion of well.  I understand that this plan of work must receive approval in writing by the Geological Structure of the common of the company Stanolind Oil & Gas Company   | NOTICE OF INTENTION TO PU  | LL OR ALTER CASING  | SUPPLEMENTARY   | Y WELL HISTORY   |                                 |
| Jicarilla Contract #146  Well No. 5 is located 1650 ft. from N line and 950 ft. from W line of sec. 3  W/4 of Section 3 T-25-N R-5-W NMFM  (Ki Sec. and Sec. No.) (Typ.) (Range) (Meridian)  1th Blanco-Pictured Cliffs (County of Buddvision) (State or Territory)  The elevation of the derrick floor above sea level is 6582 ft.  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; inclicate mudding jobs, comenting points and all other important proposed work)  We propose to drill the well to approximately 3100. Rotary tools will be used to total depth. Anticipate production in the Pictured Cliffs formation. Stimulation will be with sand and water.  The following casing program is proposed:  Size Depth Cement Remarks: 8-5/8" 150' 75 Sx 200% of theoretical fill. 5-1/2" 3050' 100 Sx 100% of theoretical fill.  Copies of location plat are attached. A copy of any survey taken will be submitted upon completion of well.  I understand that this plan of work must receive approval in writing by the Geological Structure of the commenced.  Company Stanolind Oil & Gas Company  | NOTICE OF INTENTION TO A   | ANDON WELL  |   |  |                                 |
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| Jicarilla Contract #146  Well No. 5 is located 1650 ft. from No. 6 line and 950 ft. from Well line of sec. 3 No. 1640 ft. from No. 1640 ft | (  | (Indicate <b>above by</b> Check b   |   | , Care   |                                 |
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| W/4 of Section 3 T-25-N R-5-W NMPM  (14 Sec. and Sec. No.) (Twp) (Bange) (Meridian)  1th Blanco-Pictured Cliffs Rio Arriba New Mexico (Flaid) (County or Subdivision) (State or Territory)  The elevation of the derrick floor above sea level is 6582 ft.  DETAILS OF WORK  State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)  We propose to drill the well to approximately 3100. Rotary tools will be used to total depth. Anticipate production in the Pictured Cliffs formation. Stimulation will be with sand and water.  The following casing program is proposed:  Size Depth Cement Remarks:  8-5/8" 150! 75 Sx 200% of theoretical fill.  Copies of location plat are attached. A copy of any survey taken will be submitted upon completion of well.  I understand that this plan of work must receive approval in writing by the Geological Street Indicated way be commenced.  Company Stanolind Oil & Gas Company   |  | ••••  | $\frac{N}{N}$ line and  | 950 ft. from $\{\mathbf{w}\}$ line of sec. 3   | ·                               |
| (K Sec. and Sec. No.)  (Twp.)  (Range)  (Range)  (Maridian)  (A priba  |  |   | . ,   | , ,  |                                 |
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Title 16--8487b-7

Farmington, New Mexico

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Here's a Land covered

N M No. #1545