Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tribe
Allottee Navajo "J"
Lease No. 14-20-603-264

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Report of Sand-Oil Frac	X
		Report of Squeeze Job	X

RECEIVED
MAY 15 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 14, 19 58

Navajo "J"
Well No. 1 is located 530 ft. from [N] line and 530 ft. from [E] line of sec. 11

NE/4-NE/4 Section 11 (¼ Sec. and Sec. No.) | 26N (Twp.) | 12W (Range) | N.M.P.M. (Meridian)

Wildcat (Dakota) (Field) | San Juan (County or Subdivision) | New Mexico (State or Territory)

RECEIVED
MAY 16 1958
OIL CON. COM.
DIST. 3

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Fraced Dakota formation, down 2½" tubing, thru 5½" casing perforations 5950-65' & 5995-6004', with 2900# 40-60 sand & 4,284 gals. of crude oil. Started treatment with 1/4# sand per gal. after pumping 1135 gals. of crude & 2500# of sand increased sand to 1/2# per gal. After pumping 2900# sand top tubing collar developed a leak, flushed w/1878 gals. of crude oil & shut down to repair leak. BDP 3800#, Max. TP 4000#, Min. TP 3800#, Time of treatment 11 min., Inj. rate 13.5 BPM. Shut down to repair leak in tubing collar. Repaired leak & attempted to continue frac job. Pumped in 36 bbls. oil & pressure increased to 5000# with 1 pump at inj. rate of 8 BPM. Could notld not continue frac job. Shut down pressure 5000#.

Ran & set Halliburton DK squeeze tool @ 5930'. Squeezed 5½" casing perfs. 5950-65' & 5995-6004' w/50 sks. reg. cement. BDP 2700#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

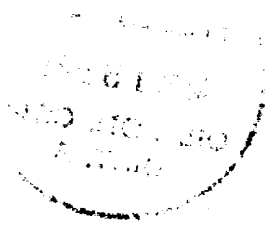
Company SKELLY OIL COMPANY

Address Box 426
Farmington, New Mexico

By (Signed) P. E. Foster

Title District Superintendent

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

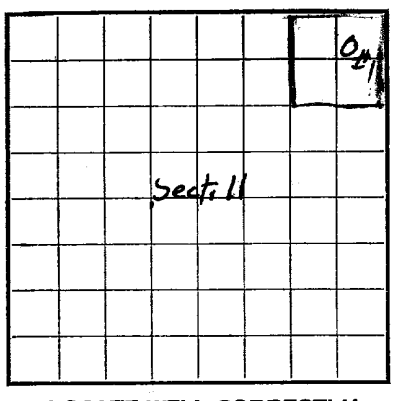


2 CC SENT TO O.C.C. 3/31/58

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Navajo Tribe
SERIAL NUMBER Navajo "J"
LEASE OR PERMIT TO PROSPECT 14-20-603-294



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SKELLY OIL COMPANY Address Box 426, Farmington, New Mexico
Lessor or Tract Navajo "J" Field Undesignated State New Mexico
Well No. 1 Sec. 11 T. 26N R. 12W Meridian NMPM County San Juan
Location 530 ft. {N.} of N Line and 530 ft. {E.} of E. Line of Section 11 Elevation 5925' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed P. E. Cooper
Date March 31, 1958 Title District Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling February 6, 19 58 Finished drilling March 3, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5078 to 5100 No. 4, from ____ to ____
No. 2, from ____ to ____ No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

RECEIVED MAR 31 1958 OIL CON. COM. DIST. 3

IMPORTANT WATER SANDS

No. 1, from None to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4"	32.75#	8r	H-40	403	Cement guide.				
Top 5½"	15.5#	8r	J-55	472					
Middle 5½"	14#	8r	J-55	4948					
Bottom 5½"	15.5#	8r	J-55	930	Cement guide &				
					float collar		5078	5100	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
OD 10-3/4"	414	450	Halliburton		
5-1/2"	6063	600	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size ____

Well was Sand-Fraced

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Pumped down 5½" casing thru perfs. 5078-5100' w/40,000# sand & 40,000 gals. crude. BDP 1700#. Max. TP 2900#, Min. TP 2600#. Inj. rate 59.28 BPM.						

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

March 31, 19 58 Put to producing March 27, 19 58

The production for the first 24 hours was 88 barrels of fluid of which 99.8% was oil; .2% emulsion; ____% water; and ____% sediment.
Gravity, °Bé. ____
If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____
Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Warren Bradshaw, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1235'	1235	Sand & Shale - Top Pictured Cliffs 1235'
1235'	1326'	91	Sand & Shale - Top Lewis 1326'
1326'	2759'	1433	Sand & Shale - Cliff House 2759' (Top)
2759'	2847'	88	Sand & Shale - Top Menefee 2847'
2847'	3807'	960	Sand & Shale - Top Point Lookout 3807'
3807'	3980'	173	Sand & Shale - Top Mancos 3980'
3980'	4927'	947	Sand & Shale - Top Gallup "H" 4927'
4927'	5065'	138	Sand & Shale - Top Gallup "J" 5065'
5065'	5344'	279	Sand & Shale - Top Sanastee 5344'
5344'	5700'	356	Sand & Shale - Top Greenhorn 5700'
5700'	5760'	60	Sand & Shale - Top Graneros 5760'
5760'	5825'	65	Sand & Shale - Top Dakota 5825'
5825'	6033'	208	Sand & Shale - Top Morrison 6033'
			Tops by Schlumberger E.S. Log.
6033'	6085' TOTAL DEPTH		
	5848' PLUGGED BACK TOTAL DEPTH		

FOLD | MARK

[OVER]

16—43094-4

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS, STATE RECORDED WHETHER FROM EL OR SAMPLES.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.