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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCT 27 3 26 PM '65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E - 1369	

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	

2. Name of Operator	Shelly Oil Company	7. Unit Agreement Name	- -
3. Address of Operator	Box 730 - Hobbs, New Mexico	8. Farm or Lease Name	Hobbs #1
4. Location of Well		9. Well No.	4
10. Field and Pool, or Wildcat	Cherokee - San Andres		

UNIT LETTER	0	LOCATED	660	FEET FROM THE	South	LINE AND	1900	FEET FROM	
THE	East	LINE OF SEC.	33	TWP.	7-S	RGE.	33-E	NMPM	
12. County	Huerfano								

15. Date Spudded	9/27/65	16. Date T.D. Reached	9/24/65	17. Date Compl. (Ready to Prod.)	10/9/65	18. Elevations (DF, RKB, RT, GR, etc.)	4432' RT	19. Elev. Casinghead	-
20. Total Depth	4525'	21. Plug Back T.D.	4431'	22. If Multiple Compl., How Many	-	23. Intervals Drilled By	Rotary Tools	Cable Tools	-

24. Producing Interval(s), of this completion - Top, Bottom, Name	4441 - 4353' - (Intervals) - San Andres	25. Was Directional Survey Made	NO
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26. Type Electric and Other Logs Run	Wagner Gamma Ray Correlation Log; Schlumberger; Logging, Micrologging, Compensated Formation Density Log	27. Was Well Cored	Yes
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	26	36	11	250	-
4-1/2	20.50	4304	7-7/8	150	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
2-1/2					2-1/2	4359	-

31. Perforation Record (Interval, size and number)	Wagner perforated 4-1/2" OD casing at the following intervals with 2 jet shots per foot: 4341-4342', 4346-4347', 4350-4351', a total of 3 feet & 6 shots.	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
		DEPTH INTERVAL
		4341-4342'
		4346-4347'
		4350-4351'
		AMOUNT AND KIND MATERIAL USED
		500 gal Sponchacid Acid
		20000 gal Inn. oil & 20000 lbs 20/40 sand

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
10/9/65		Pumping - 2 x 2-1/2 x 25' H-F				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/9/65	24	-		44	60	81	1545
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-		44	60	81	24.9°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	E. L. Holley

35. List of Attachments
Copies 1, 2, & 3

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED	(ORIGINAL SIGNED) H. E. Aab	TITLE	District Superintendent	DATE	10/27/65
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This form is to be filled with the appropriate District Office of the Commission, not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drilling fluid stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico

Northwestern New Mexico

19002

FORMATION RECORD (Attach additional sheets if necessary)	
T. Anhy	T. Ojo Alamo
T. Salt	T. Kirtland-Fruitland
B. Salt	T. Pictured Cliffs
T. Yates	T. Cliff House
T. 7 Rivers	T. Menefee
T. Queen	T. Point Lookout
T. Grayburg	T. Mancos
T. San Andres	T. Gallup
T. Glorieta	T. Phase Greenhorn
T. Paddock	T. Dakota
T. Blinebry	T. Morrison
T. Tubb	T. Todito
T. Drinkard	T. Entrada
T. Abo	T. Wingate
T. Wolfcamp	T. Chinle
T. Penn.	T. Permian
T. Cisco (Bough C)	T. Penn. "A"

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation
0	2006	2006	Sand & Shale
2006	2007	2007	Limestone
2007	2008	2008	Sand & Shale
2008	2009	2009	Total Depth
2009	2010	2010	
2010	2011	2011	
2011	2012	2012	
2012	2013	2013	
2013	2014	2014	
2014	2015	2015	
2015	2016	2016	
2016	2017	2017	
2017	2018	2018	
2018	2019	2019	
2019	2020	2020	
2020	2021	2021	
2021	2022	2022	
2022	2023	2023	
2023	2024	2024	
2024	2025	2025	
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2101	2102	2102	
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2104	2105	2105	
2105	2106	2106	
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2108	2109	2109	
2109	2110	2110	
2110	2111	2111	
2111	2112	2112	
2112	2113	2113	
2113	2114	2114	

September 24, 1965

CORE NO. 1

Cut: 59'

Recovered: 59'

Rotating Time: 12 Hours 15 Minutes

OCT 27 3 26 PM '65 4200' to 4259'

- 4200-05
(5'-0") Gray to Dark, Fine to Medium Crystalline Dolomite Dense Hard-No Show. With Massive Anhydrite Lenses.
- 4205-08
(3'-0") White to Buff Dense Hard. Non-porous Fine Crystalline Dolomite-No Show. With Dense Massive Hard Anhydrite Stringers.
- 4208-09
(1'-0") Dense Finely Laminated Dark Black Shale- No Show.
- 4209-19
(10'-0") Dense hard tight Dolomite with White to Buff Anhydrite Stringers. Dolomite is Gray to Light Gray Dense.
- 4219-4225.5
(6'-6") Dark Gray to Tan Dense Dark Dolomite with Anhydrite Stringers.
- 4225.5-34
(8'-6") Dense Hard Dolomite with Black Shale Stringers Light Bleeding Oil. Very Light Odor-Water bearing Top of First Porosity. Low Fluorescence.
- 4234-38
(4'-0") Dark Gray to Gray Dolomite. Dense Bleeding Oil with Water.
- 4238-41
(3'-0") Black Shale Stringers with Dark Gray Dense Dolomite.
- 4241-59
(18'-0") Dark Gray Dolomite-Porous, Bleeding Oil; Shale Partings, and Water. Small Vugs at 4257-59. Low Fluorescence.

/bh

GEOLOGICAL DESCRIPTION

CORE ANALYSIS

HOBBS, "T" NO. 4
September 25, 1965

CORE NO. 4259-4318
Recovered: 59'
Rotating Time: 13 Hrs. 45 Mins.

4259-4269' (10'-0")	Dark gray Dolomite with Anhydrite stringers, slightly porous, bleeding Water, trace of Oil in few fractures.
4269-4274' (5'-0")	Dark gray dense anhydritic shaley Dolomite, streaks of slight porosity 4270.5-73.5', bleeding Water.
4274-4290' (16'-0")	Gray Dolomite with anhydritic stringers, poor to fair porosity, vertical fractures, porosity bleeding Water, fractures bleeding trace of Oil.
4290-4292.5' (2'-6")	Gray dense Dolomite with Shale partings, slight bleeding of Oil from fractures.
4292.5-4295' (2'-6")	Blue-gray Anhydrite, no show.
4295-4298' (3'-0")	Gray stylotic Dolomite, slightly fractured.
4298-4299' (1'-0")	Gray anhydritic Dolomite, no show.
4299-4303' (4'-0")	Blue-gray Anhydrite, no show.
4303-4305.5' (2'-6")	Gray anhydritic Dolomite, no show.
4305.5-4308' (2'-6")	Blue-gray dolomitic Anhydrite, no show.
4308-4310.5' (2'-6")	Gray Dolomite, fractured, bleeding Water.
4310.5-4314' (3'-6")	Gray dense Dolomite, no show.
4314-4316' (2'-0")	Gray Dolomite with anhydritic Nodules, slightly fractured, bleeding Water with trace of oil from fractures.
4316-4318' (2'-0")	Gray dense Dolomite, no show.
59'	TOTAL

GEOLOGICAL DESCRIPTION

CORE ANALYSIS

OCT 27 3 26 PM '65

HOBS "T" NO. 4
September 26, 1965

CORE NO. 3
4318-4375'

Out: 57' Rotating Time: 13Hrs. 15Min.
Recovered: 57'

4318-4321' (3'-0")	Hard dense Dolomite with streaks of anhydrite, no show.
4321-4324' (3'-0")	Hard dense Dolomite, with streaks of anhydrite and hairline vertical fractures, slightly porous, bleeding small amount of Oil, wet.
4324-4326' (2'-0")	Very dense Dolomite, spotted with anhydrite, no show.
4326-4330' (4'-0")	Dense Dolomite, bleeding small amount of Oil, Wet.
4330-4336' (6'-0")	Dense Dolomite, slightly spotted with anhydrite, faint horizontal fractures, Wet, no show.
4336-4352' (16'-0")	Dense Dolomite, spotted with anhydrite, bleeding slight amount of Oil, Wet.
4352-4354' (2'-0")	Dolomite, very slightly porous, spotted with Anhydrite, wet.
4354-4356' (2'-0")	Hard dense Dolomite, no show.
4356-4361' (5'-0")	Dense Dolomite, very slightly porous, with small spots of Anhydrite, faint horizontal fractures, bleeding small amount of Oil, Wet.
4361-4363' (2'-0")	Hard dense Dolomite, with spots of Anhydrite and very slightly porous, no show.
4363-4370' (7'-0")	Very dense Dolomite, faint horizontal and vertical hairline fractures, slightly spotted with Anhydrite and wet.
4370-4373' (3'-0")	Hard dense Dolomite, horizontal and vertical fractures, small amount of Shale partings, no show.
4373-4375' (2'-0")	Dense Dolomite, vertical fractures, Wet.
(57'-0")	TOTAL

JTC/bh