



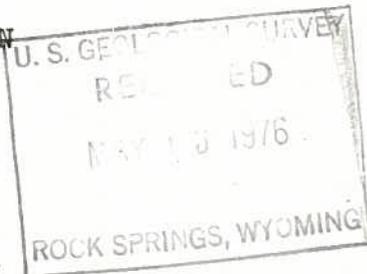
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JUN 23 1976

COLORADO OIL & GAS CONS. COMM.

SAMEDAN OIL CORPORATION

WELL PROGRAM SHEET



WELL: SAMEDAN et al NO. 1 TALAMANTES UNIT

FIELD: WILDCAT

OPERATOR: SAMEDAN OIL CORPORATION

ESTIMATED TOTAL DEPTH: 14,700'

OBJECTIVE: NUGGET SAND

1. LOCATION: Center NE NE, Section 17, Township 11 North, Range 100 West, Moffat County, Colorado
2. ELEVATION: 6939.9' GL.
3. MEASUREMENTS: All measurements will be taken from the Kelly Bushing. The top of bradenhead flange will be the permanent datum.
4. HOLE SIZE:

0	250	26"	
250	5,200	17-1/2"	
5,200	8,200	12-1/4"	
8,200	13,100	8-5/8"	8-1/2"
13,100	14,700	6-1/8"	
5. HOLE DEVIATION: A maximum hole deviation of 15 degrees will be allowed. the maximum distance between surveys will be 400 feet. The maximum deviation per 100 feet interval will be 1-1/2 degrees.

6. ESTIMATED FORMATION TOPS:

	Surface	
Wasatch		
Fort Union	2,705'	3725'
Lewis	5,070'	1360'
Mesaverde	5,755'	675'
Mancos	8,155'	(-1725')
Frontier	13,015'	(-6585')
Aspen	13,115'	(-6685')
Dakota	13,340'	(-6910')
Morrison	13,510'	(-7080')
Curtis	13,875'	(-7445')
Entrada	13,975'	(-7545')
Nugget	14,025'	(-7595')

7. DRILLING SAMPLES: Samedan:- 30" samples will be taken except in prospective pay zones when 10" samples will be taken.



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8. BLOWOUT PREVENTORS:
- 17-1/2" Hole 20" Hydril will be used.
- 12-1/4" Hole Two Cameron 12" 900 Series QRC or the equivalent, 12" 900 Series Hydril and 12" Grant Rotating Head will be used - See the Blowout Preventor Diagram. The Blowout Preventors to be tested to 3000#, Hydril to 2000# and Rotating Head to 100# before drilling below 13-3/8".
- 8-5/8" and 6-1/8" Hole Two Cameron 10" 1500 Series QRC or the equivalent, 10" 1500 Series Hydril and 10" Grant Rotating Head will be used. See Blowout Preventor Diagram. The Blowout Preventors to be tested to 5000#, Hydril to 3000# and Rotating Head to 100# before drilling below 9-5/8" or 7" casing.
9. DRILLING MUD:
- 0' to 5200' Use fluctuated low solid mud to maintain low mud weight, Viscosity and water loss as needed.
- 5200' to 8200' Plan to use low solid fluctuated mud aerated by injecting air in mud system - water loss will be maintained between 10-20 cc and gels low to enable air to breakout of mud as it returns. Mud will return to a separator to help separate air and mud plus help monitor any gas or water entry.
- 8200' to 13,100' If there is no excess gas or any water entry while drilling Mesaverde section, we will drill the Mancos section with the same process as above with a 4 to 6 cc water loss low solids mud. If water or excess mud is encountered, 9-5/8" casing will be set and the Mancos drilled with air.
- 13,100' to TD Mud up with 12# to 14# per gallon mud as required and a 6-10 cc water loss with Viscosity as needed.
10. CASING PROGRAM:
- | | | | | |
|-----------------------|---------|---------|----------|----------|
| Conductor: | 30' | 30" | | |
| Surface | 250' | 20" | 169#/ft. | K-55 |
| Intermediate | 5200' | 13-3/8" | 68# | S-80 |
| Intermediate Liner to | 8200' | 9-5/8" | 43.5# | S-95 |
| Intermediate casing | 13,400' | 7" | 26# and | S-95 and |
| | | | 23 # | N-80 |
| Production liner | | 5" | FJ 18# | N-80 |
11. CEMENTING: Cementing of all casing will be decided at the location with Samedan's representatives and cementing company's representative.
12. LOGGING: Electric logs will be run on all open holes prior to running casing or plugging .
13. FORMATION TESTING: All interesting zones will be tested at the discretion of the Geologist.



14. CORING: No cores are planned at this time.

15. SPECIAL EQUIPMENT:

1. Mud separator - installed while rigging up.
2. Degasser - installed by 5200' .
3. Choke manifold - installed at 5200' .
4. Rotating Head - installed while rigging up.
5. Blouie Line - as needed.
6. PVT, Flow sensor - installed at 5200' .

16. SPECIAL INSTRUCTIONS:

The hole will be filled when drilling with mud each 5 stands on trips. The pump strokes required to fill hole on each 5 stands fill shall be noted. Any deviation from this procedure must be approved by Samedan's employee or representative. Charts must be changed daily on PVT and Flow sensor. The charts are to be dated and retained in order. Alarms on this equipment are to be kept operational and in an "ON" position. It shall be the toolpusher's responsibility to call a service man immediately to repair this equipment if it is not working properly. All standard safety practices must be strictly enforced at all times.

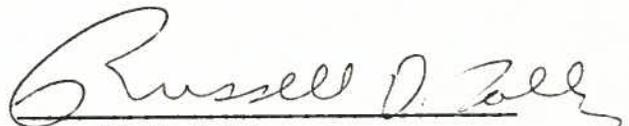
17. SAMEDAN OPERATING PERSONNEL:

Daily drilling reports will be called into the Samedan Denver office at the following number:

303-534-0677

This number will also be called on weekdays in the event of a problem or an emergency. Numbers to be called on the weekends, nights, or holidays are as follows:

- | | |
|---|--------------|
| 1. Curtis Hancock, Division Manager | 303-985-5845 |
| 2. Ben Peterson, Division Geologist | 303-986-6490 |
| 3. Russell D. Talley, Drilling Superintendent | 405-226-0805 |


Russell D. Talley,
Drilling Superintendent