

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 3496	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Merrion Oil & Gas Corporation	8. Farm or Lease Name Yucca Com
3. Address of Operator P. O. BOX 840, Farmington, New Mexico 87499	9. Well No. 1
4. Location of Well UNIT LETTER <u>H</u> <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>790</u> FEET FROM THE <u>East</u> LINE, SECTION <u>2</u> TOWNSHIP <u>25N</u> RANGE <u>9W</u> N.M.P.M.	10. Field and Pool, or Wildcat Dufers Point Gallup Dakota
15. Elevation (Show whether DF, RT, GR, etc.) 6481' GL	12. County San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 6792' KB, 12/22/85.

Ran 4-1/2", 10.5 #/ft, K-55 Production Casing. Set casing at 6792' KB with 500 sx Class H 2% gel, 610 cu. ft. 765 sx Class B 2% chemical extender, 1575.9 cu. ft. 100 sx Class H 2% gel, 122 cu. ft. Two Stage Job.

Circulated 85 Bbls cement to surface.

(Drilling history attached.)

727

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Frank T. Chavez TITLE Operations Manager DATE 12/26/85

Original Signed by FRANK T. CHAVEZ

APPROVED BY _____ TITLE SUPERVISOR DISTRICT # 2 DATE DEC 27 1985

CONDITIONS OF APPROVAL, IF ANY:

MERRION OIL & GAS CORPORATION

YUCCA COM # 1

1850' & 790' FEL
Sec. 02, T25N, R09W
SAN JUAN COUNTY, NEW MEXICO

Field/Formation: DUFERS POINT GALLUP - DAKOTA
Lease Designation: STATE LG-3496

DRILLING REPORTS

12/14/85

Current operation - WOC. MIRU Walter Rig #5. Spud. Ran 5
jts 8-5/8" surface csg set at 223' KB w/ 170 sx C1 "B", 3%
CaCl2 (200.6 cu.ft.) Circulated 5 bbls to surface. (AM)

12/15/85

Day 1. Current depth - 223' KB. Current operation - WOC.
Mud: Spud mud. (AM)
Daily est cost: \$8,140 Cum est cost: \$8,140

12/16/85

Day 2. Current depth - 2749' KB. Current operation - Trip-
ping. Mud weight: 8.6, Viscosity: 29, Water Loss: 12.
Surveys: 723' - 3/4; 2030' - 1-1/2. (AM)

12/17/85

Day 3. Current depth - 3510' KB. Current operation - Dril-
ling. Mud weight: 9.0, Viscosity: 30, Water Loss: 10.
Surveys: 3020' - 1; 3510' - 1. (AM)

12/18/85

Day 4. Current depth - 4250' KB. Current operation - Dril-
ling. Mud weight: 8.9, Viscosity: 30, Water Loss: 10.
Surveys: 3591' - 1; 4038' - 1. (AM)

12/19/85

Day 5. Current depth - 4880' KB. Current operation - Dril-
ling-Mancos. Mud weight: 9.0, Viscosity: 30, Water Loss: 10.
Surveys: 4403' - 1. (AM)

12/20/85

Day 6. Current depth - 5593' KB. Current operation - Dril-
ling - Gallup. Mud weight: 9.0, Viscosity: 36, Water Loss: 10.
Surveys: 5003' - 1; 5499' - 1. (AM)

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12/21/85

Day 7. Current depth - 6561' KB. Current operation - Tripping (shale). Mud weight: 9.2, Viscosity: 40, Water Loss: 9.5. Surveys: 6002' -; 6561' - 0. (AM)

12/22/85

Day 8. Current depth - 6789' KB. Current operation - circulating for logs. (Dakota). Mud weight: 9.0, Viscosity: 62, Water Loss: 9. Surveys: 6789' KB - 1/4. (AM)
RU Welex and run IES/ Induction and Compensated Neutron Density logs. Drillers ID: 6789'; Loggers ID 6784'. RD Welex and prepare to run 4-1/2" csg. (DE)

12/23/85

Day 9. Current depth - 6789' KB. Current operation - Cementing. (AM)

12/24/85

Drillers ID: 6790' KB
Loggers ID: 6784' KB
Casing ID: 6792' KB

Item	Length	Depth KB
Cement nose guide shoe	1.0'	6792.26
Jt#1 shoe jt	40.56'	
Differential fill float collar	1.0'	6750.70
Jt #2-#50 r.o. #28 roll in #50 (48 jts csg)	1971.25'	
Stage tool	2.10	
#51-#167 117 jts, 4.5" csg	4796.89'	
	<u>6812.80'</u>	

Pathfinder stage tools

Total csg - 6808.70', 166 jts, 4.5" K-55 Bentler csg from Piedra Supply.

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DIST. 3

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Circulate viscosity down to 44 sec vis. RU Dowell to cement in two stages. 1st stage: Pump 10 bbls water ahead. Mix and pump 500 sx C1 "H" w/2% gel. Yield 1.22 cu.ft./sk. Density 15.4#/gal. Shut down-wash pump & lines. Drop plug. Displace w/30 bbls water and 78 bbls mud. Bump plug at 7:25 AM. Bled pressure off. Float held. Drop opening bomb and wait 25 min to fall. Opened stage tool. Turn over to rig to circulate 3 hrs between stages. 2nd stage: Pump 10 bbls water ahead. Mix and pump 765 sx C1 "B" w/2% chemical extender. Yield 2.06 cu.ft./sk. Density 12.5#/gal. Tail in w/100 sx C1 "H" w/2% gel. Same yield as 1st stage. Shut down. Wash pump and lines. Drop plug and displace w/76.5 bbls water. Bump plug and bled pressure off. Stage tool held. Circulated 85 bbls cement to surface. Set csg in slips as cemented. Release Walter Rig #5 at 1:30 PM.