

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
MURCHISON OIL & GAS, INC. /

3a. Address
1100 MIRA VISTA BLVD.
PLANO, TX. 75093-4698

3b. Phone No. (include area code)
(972) 931-0700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 1628 FSL & 2150 FWL UNIT K SEC 12 T23S R29E
BHL: 660 FNL & 1980 FWL UNIT C SEC 12 T23S R29E

Lease Serial No.

NM 0556859-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NASH UNIT 8131

8. Well Name and No.

NASH UNIT #52

9. API Well No.

30-015-31510

10. Field and Pool, or Exploratory Area

NASH DRAW MORROW

11. County or Parish, State

EDDY COUNTY, NM.

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PIPELINE TAP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Murchison Oil & Gas proposes to allow Duke Energy Field Services to install one gas line tap, lay 4,287 feet of 4 inch steel extension line to the Nash Draw Unit #52 and set one sales meter at the wellpad. This installation is inside the Unit boundaries and along an existing right of way. The pipeline extension is a buried 4" low pressure line.

Attached are plats of the well location, meter locations and pipeline.

APPROVED

SE 25 2001

GARY GOURLEY

PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

MICHAEL S. DAUGHERTY

Signature

Michael S. Daugherty

Title

VICE PRESIDENT OPERATIONS

Date

9/12/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NATURE OF WORK

SURVEY A 4"x0.188" STEEL PELINE TO CONNECT THE

MURCHISON OIL & GAS INC., NASH UNIT #52

DATE: 08/24/01

LINE No.

DISTRICT WEST PERMIAN

PLANT OR STATION EAST CARLSBAD

JOB OR AFE No. 100102236

SECTION 13

TOWNSHIP 23 S

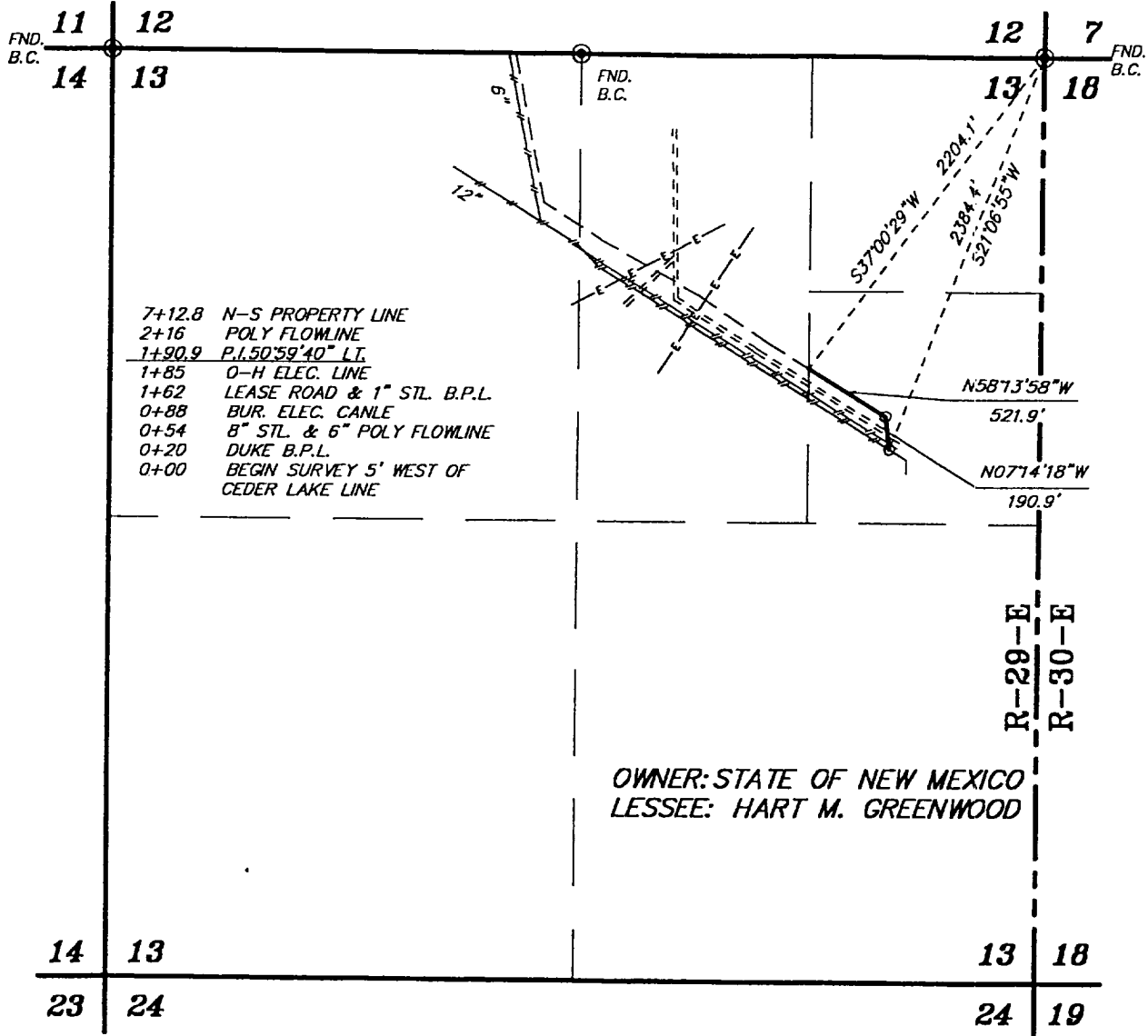
RANGE 29 E

SURVEY N.M.P.M.

COUNTY EDDY

STATE N.M.

STUDY No. 2001ECB010



RECEIVED
1001 SEP 16 AM 10:22
STANDARD
SEP 16 2001

NATURE OF WORK

SURVEY A 4"x0.188" STEEL PIPELINE TO CONNECT THE

SHEET NO. 2 OF 2

DATE: 08/24/01

MURCHISON OIL & GAS INC., NASH UNIT #52

LINE No. _____

DISTRICT WEST PERMIAN

PLANT OR STATION EAST CARLSBAD

JOB OR AFE No. 100102236

SECTION 12&13

TOWNSHIP 23 S

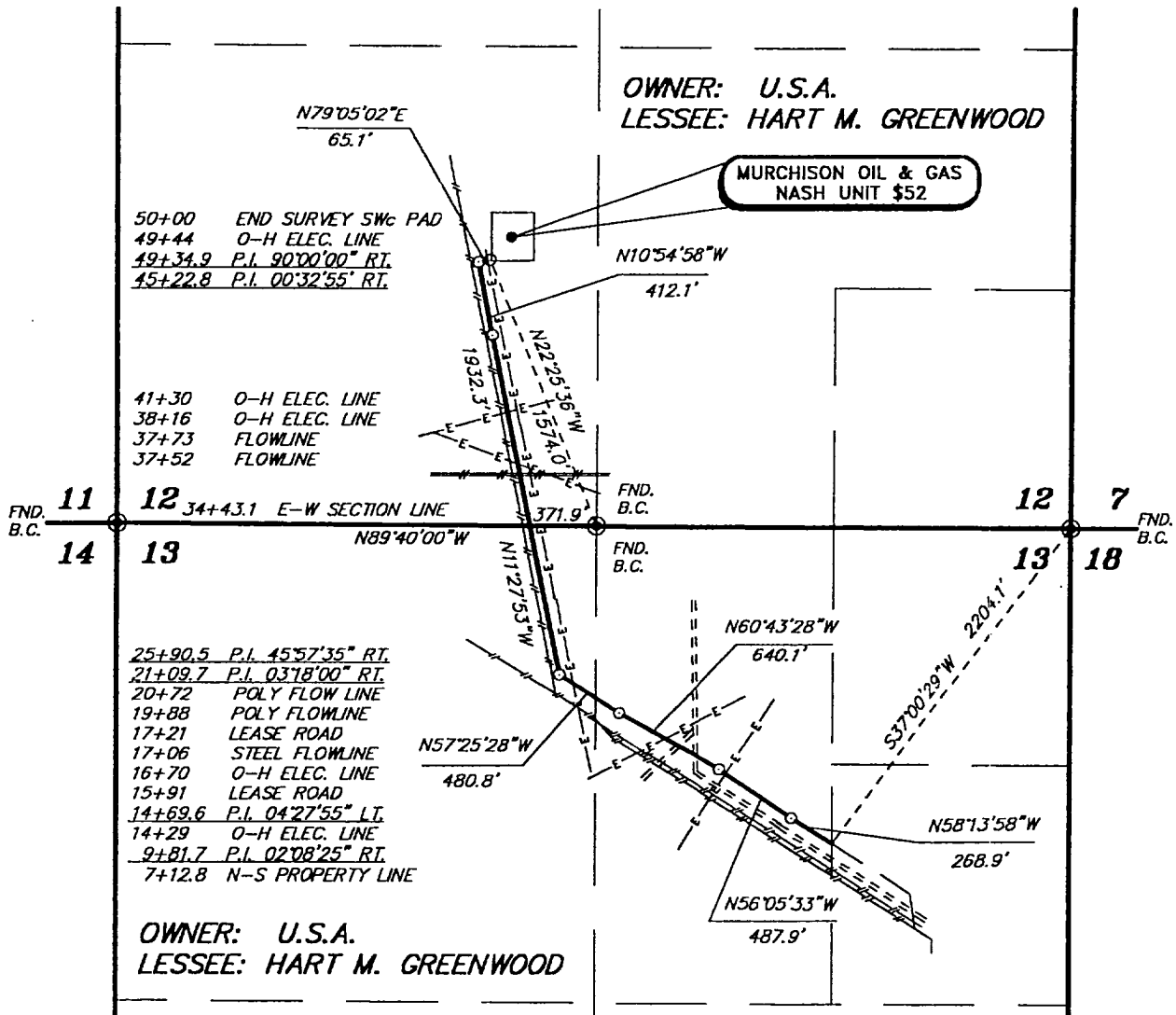
RANGE 29 E

SURVEY N.M.P.M.

COUNTY EDDY

STATE N.M.

STUDY No. 2001ECB010

LEGAL DESCRIPTION

A STRIP OF LAND 50.0 FEET WIDE, LOCATED IN SECTION 12&13, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 25.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

4287.2 FEET = 259.83 RODS = 0.81 MILES

SIGNED

I HEREBY CERTIFY THAT THIS MAP WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES

N.M. P.S.

TEXAS P.L.S.

No. 5074

PTRE&C No.: EDDY 2112

Basin Surveys

P.O. BOX 1786 - HOBBS, NEW MEXICO
W.O. Number: 1757 JLP #1- DUK1757

SEP 10 2001

RECEIVED
2001 SEP 18 AM 10:22
BUREAU OF LAND MANAGEMENT
FEDERAL BUREAU OF SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M.C. - Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0133
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

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2. Name of Operator
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PLANO, TX. 75093-4698

3b. Phone No. (include area code)
(972) 931-0700

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SURFACE: 1628 FSL & 2150 FWL UNIT K SEC 12 T23S R29E
BHL: 660 FNL & 1980 FWL UNIT C SEC 12 T23S R29E

Serial No.
NM 0556859-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NASH UNIT 8131

8. Well Name and No.
NASH UNIT #52

9. API Well No.
30-015-31510

10. Field and Pool, or Exploratory Area
NASH DRAW MORROW

11. County or Parish, State
EDDY COUNTY, NM.

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>RUN LINER</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>AND CEMENT</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Drill 6 1/2" hole to a measured depth of 14,432' (TVD of 13,737'). Bottom hole location is 838' FNL and 1958' FWL, Sec. 12, T23S, R29E.
POH with drill string and run 5 1/2" liner as follows:

					Length	Measured Depth
BOTTOM:						14,437
		Float shoe			3'	14,434
	1 JT	23 #/FT	P-110	FL4S	38'	14,396
	Float collar				1'	14,395
	1 JT	23 #/FT	P-110	FL4S	39'	14,356
	1	Landing collar			1'	14,355
	101 JT	23 #/FT	P-110	FL4S	3843'	10,512
TOP:	1	Liner hanger			26'	10,486

Cement with 416 SX of Cemcrete Blend 45/55 D961/D166 + .7 gpsb D600 + .05 gpsb D135 + .05 gpsb D47 + .4% D65 + .1% D800. Displaced w/ fresh water and mud. Liner hanger and packer set had full returns during cementing. Did not bump plug, float held. WOC 13 Hrs. Trip in hole. Did not find cement at liner top. Rig down and release rig @ 3:00 AM 7/27/01.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

MICHAEL S. DAUGHERTY

Signature

Michael S. Daugherty

Title

VICE PRESIDENT OPERATIONS

Date

7/30/01

ACCEPTED FOR RECORD SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID R. GLASS

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DAVID R. GLASS

Title 18 U.S.C. Section 1001, whoever knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations is to any matter within its jurisdiction.

RECEIVED

2001 AUG -1 AM 8:47

BUREAU OF LAND MANAGEMENT
NATIONAL OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
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Artesia, NM 88210

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OMB No. 1004-0135
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c15F

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Drill 9 7/8" hole to a measured depth of 10830' (TVD 10405'). POH with drill string. Pick up and run 281 jts. of 7 5/8" casing as follows:

BOTTOM:	104 JTS.	7 5/8"	39 #/FT	N-80	LT&C
	21 JTS.	7 5/8"	33.7 #/FT	N-80	LT&C
	DV TOOL	@ 6181'	FROM SURFACE		
	50 JTS.	7 5/8"	33.7 #/FT	N-80	LT&C
	106 JTS.	7 5/8"	33.7 #/FT	P-110	LT&C

Pump 890 SXS of 35:65 Class H + 5% D4 + 6% D20 + .3% D167 + .2% D65 + .2% D46 followed by 200 SXS Class H + .3% D167 + .1% D13. Drop DV Tool opening device and circulate between stages. Cement 2nd stage w/ 1270 SXS 35:65 Class H + 5% D4 + 6% D20 + .3% D167 + .2% D65 + .2% D46 followed by 100 SXS Class H Neat. Lost circulation on second stage. Run temperature survey and determined TOC @ 3172'. Nipple down stacks, set slips, cut off casing, nipple up tubing head and test to 6250 psi. Nipple up BOP, choke manifold, and change out BOP rams. Test BOP, choke manifold and safety valves to 10,000 PSI. WOC 36 Hrs. Drill out DV tool and float collar. Test casing to 2500 psi. Drill out shoe. Trip out with bit and pick up motor and MWD tools. Resume drilling 6 1/2" hole.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) MICHAEL S. DAUGHERTY

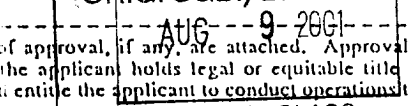
Signature 

Title VICE PRESIDENT OPERATIONS

Date 7/30/01

ACCEPTED FOR RECORD THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) DAVID R. GLASS

Signature 

Title

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DAVID R. GLASS

BUREAU OF LAND MANAGEMENT
1000 N. 10th St., Suite 100
Flagstaff, AZ 86001

2001 AUG -1 AM 8:47

RECEIVED