Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

CISE

I	BUREAU OF LAND MANAGEN NOTICES AND REPORTS	MENT	Magia	arand Av	enue Ser	ial No. .56850_1
Do not use this	NOTICES AND REPORTS I have for proposals to drill II. Use Form 3160-3 (APD) to	l or to re-e	nter an		8. If Indian,	Allottee or Tribe Name
CUDAIT IN TO	PLICATE - Other Instruction	ons on rev	erse sid	e	7. If Unit or	CA/Agreement, Name and/or No.
					- NAS	SH UNIT 8131
Type of Well Oil Well Gas Well	I Other				8. Well Nat	
. Name of Operator	·		· · · · · · · · · · · · · · · · · · ·		L	SH UNIT #52
MURCHISON O	OIL & GAS, INC.				9. API Wel	1 No. •015-31510
a. Address 1100 MIRA V PLANO, TX.	7ISTA BLVD. 75093-4698	b. Phone No.	(include are 31-070			i Pool, or Exploratory Area
	T., R., M., or Survey Description)	()/2)	<u> </u>	<u> </u>		SH DRAW MORROW
	SL & 2150 FWL UNIT K	SEC 12	T23S	R29E	11. County of	or Parish, State
BHL: 660 FNL & 1		12 T23	R29E		EDI	Y COUNTY, NM.
12 CHECK AP	PROPRIATE BOX(ES) TO II	NDICATE N	IATURE	OF NOTICE,	REPORT, OF	OTHER DATA
				OF ACTION		
TYPE OF SUBMISSION				Production (S)	and/Resume)	☐ Water Shut-Off
Notice of Intent	Acidize U Alter Casing	Deepen Fracture Tre	., [· · · · · · · · · · · · · · · · · ·	art (Csunc)	Well Integrity
Subsequent Report	Casing Repair		_	Recomplete		Other PIPELINE TAP
	Change Plans	Plug and Ab		_ •		
☐ Final Abandonment Notice	Convert to Injection	-		Water Dispos		york and approximate duration thereof. oths of all pertinent markers and zones.
lay 4,287 feet of meter at the well right of way. Th	4 inch steel extens:	ion line ion is in is a bu	to the side the sied 4"	Nash Draw he Unit bo low press	unit #52 oundaries oure line.	and along an existing
Attached are plac	S Of the well location		APP SE	ROVEL 2 5 2001 Y GOURLEY		RECEIVED 123
14. I hereby certify that the forego	oing is true and correct	L	Title			
Name (Printed/Typed) MICHAFL	s. payoherty		VI	CE PRESIDI	ENT OPERA	rions
Signature Muchtel	Maugherly		Date	9,	/12/01	
	THIS SPACE FO	OR FEDERA	L OR ST	ATE OFFICE	USE	
Approved by			Titl	e		Date
certify that the applicant holds le	re attached. Approval of this notice egal or equitable title to those rights to conduct operations thereon.	III the subject	10000			
Title 18 U.S.C. Section 1001, ma fraudulent statements or represent	akes it a crime for any person knowi tations as to any matter within its juris	ingly and willf sdiction.	ully to make	to any departme	ent or agency of	the United States any false, fictitious or

NATURE OF	WORK Y A 4"x0.188" STEE. PELINE TO CON	NECT THE	_	ATE: 08/24/01
	ISON OIL & GAS INC., NASH UNIT #52	NECT THE	INC V	
		TION_EAST_CARLSBAD_JOB	LINE No	02236
SECTION _	13 TOWNSHIP 23 S RANGE 25 2001ECB010 12		COUNTY ED	DY STATE N.M.
B.C.		•	12	7 FND. B.C.
14	7+12.8 N-S PROPERTY LINE 2+16 POLY FLOWLINE 1+90.9 P.1.5059'40" LT. 1+85 O-H ELEC. LINE 1+62 LEASE ROAD & 1" STL. B.P.L. 0+88 BUR. ELEC. CANLINE 0+54 B" STL. & 6" POLY FLOWLINE 0+20 DUKE B.P.L. 0+00 BEGIN SURVEY 5' WEST OF CEDER LAKE LINE	OWNER: STATE OF LESSEE: HART N	回 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日	
14	13		13	18
23	24		24	19
SCALE: 1" =	1000'	EGAL DESCRIPTION	⊠ STAK	ING RESURVEY
NEW ME. BEGINNIN	OF LAND 30.0 FEET MIDE, LOCATED IN SECTION WICO AND BEING 15.0 FEET LEFT AND RIGHT OF UIG AT A POINT WHICH LIES S.21'06'55"W., 238 N.07'14'18"W., 190.9 FEET; THENCE N.58'13'58	F THE FOLLOWING DESCRIBED 4.4 FEET FROM THE NORTHEA	CENTERLINE SURVEY. AST CORNER OF SAID	; SECTION 13:

BEGINNING AT A POINT WHICH LIES S.21'06'55"W., 2384.4 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 13; THENCE N.07'14'18"W., 190.9 FEET; THENCE N.58'13'58"W., 521.9 FEET TO A POINT ON THE WEST PROPERTY LINE WHICH LIES S.37'00'29"W., 2204.1 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 13. SAID STRIP OF LAND BEING 712.8 FEET OR 43.20 RODS IN LENGTH AND CONTAINING 0.49 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS.

SE/4 NE/4 43.20 RODS OR 0.49 ACRES

SIGNED

CROUP, OR PASSIMERCIAL

I HEREBY CERTIFY THAT THIS FLAT 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.

P. P. C. CROUP, OR PASSIMENT AND MEETS OF EXCEEDS ALL REQUIREMENTS FOR LAND
SURVEYS AS SPECIFIED BY THIS STATE.

P. C. CROUP, OR PASSIMENT AND MEET AREA

P. C. CROUP, OR PASSIMENT AND MEETS OF EXCEPTION AND MEETS OF EXCEPTI

PTRE&C No.: EDDY 2112

BASIN SURVEYS

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

SEP 1 0 2001

22:01:14 81 825:002 0ENEOEE

NATURE OF	WORK ~ (A 4"x0.188" STEL IP	ELINE TO CONNEC	CT THE	_			No. 2 UP	
MURCHI	ISON OIL & GAS INC., NA	SH UNIT #52			LINE N	ο.		
DISTRICT	WEST PERMIAN	PLANT OR STATION	N EAST CARL	 SBAD JOB (
	2&13 TOWNSHIP 23 S							
	2001ECB010						<u></u>	
FND. 11 B.C. 14	### ### ### ### ### ### ### ### ### ##	N57'25'28"W N57'25'28"W 480.8'	N10'54'58"W 412.1' FND. B.C. FND. B.C.		T \$52	12	7 FND. B.C.	

SCALE: 1" = 1000'

GARY & JONES

TEXAS P.

OWNER:

U.S.A.

LESSEE: HART M. GREENWOOD

STAKING RESURVEY

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.

SIGNED

GROUP OR COMMERCIAL

HEREBY CERTIFY THAT THIS REAL WAS COREPARD
FROM FIELD NOTES OF AN ACTUAL SURVEY AND
MEETS OR EXCEEDS ALL REQUIREMENTS FOR LANS
SURVEYS AS SPECIFIED BY THIS STATE.

BASIN SURVEYS

/*N56'05'33"*W

487.9

P.O. BOX 1786 — HOBBS, NEW MEXICO W.O. Number: 1757 JLP #1- DUK!757 SEP 1 0 2001

22:01:17 81 938 1005

GENEOEH

nno	3160-	5
Nove	mber	1994)

LINUTE TATES

045678 Oil C	ons.	
N.M. C	-Dist. 2	FORM APPROVED OMB No. 1004-013
1304W/AGra	and Aven	1 Expires July 31, 199

	015	ī
FORM APPROVED		
OMB No. 1004-0135		
C		

N.M.C	-Dist. 2	OMB No. 1004-01
in#W≥G	rand Aven	OMB No. 1004-01
1.44 p. 1.00		

	DEPARTMENT OF BUREAU OF LAND		CNT		Wं∴Gran	Avent	OMB No. 10 Expires July :	04-0135 31, 1996
				Arte	sia NM	88210)556859-	٠٨
Do not use the	Y NOTICES AND Is form for propos II. Uso Form 3160	sais to ariii	or to re-enter are		41516		, Allottee or T	
SUBMIT IN TRI	PLICATE - Othe	r Instructio	ns on rovorso :	sido		7. If Unit o	r CA/Agreem	nent, Name and/or No.
1 Toma of Mall						NASI	unit 8	3131
1. Type of Well	Other	/				8. Well Na	me and No.	
2. Name of Operator	······································					NASI	H UNIT #	52
MURCHISON OIL &	GAS, INC.	/				9. API We		
Ja. Address 1100 MIRA VI	STA BLVD.	3 b.	Phone No. (include		de)		015-3151	
PLANO, TX.	75093-4698		(972) 931 - 0	0700		i		ploratory Area
4. Location of Well (Footuge, Sec.	, T., R., M., or Survey D	escription)				}	H DRAW M	
SURFACE: 1628 F	'SL & 2150 FWL	UNIT K	SEC 12 T239	s R29	E	11. County	or Parish, Sta	tc
BHL: 660 FNL &	1980 FWL UNI	T C SEC	12 T23S R2	29E		EDD.	Y COUNTY	7, NM.
12. CHECK AF	PROPRIATE BOX	((ES) TO IN	DICATE NATU	RE OF	NOTICE, R	EPORT, O	ROTHER	DATA
TYPE OF SUBMISSION			ΥΥ	PE OF	ACTION		·····	
	Acidize		Deepen		Production (Start	VResume)	Water	Shut-Off
Notice of Intent	Alter Casing		Fracture Treat		Reclamation			ntegrity
Subsequent Report	Casing Repair	\mathcal{O}	New Construction	\Box	Recomplete		Other	RUN LINER
	Change Plans	\Box	Plug and Abandon	\Box	Temporarily Al	nandon	A	ND CEMENT
☐ Final Abandonment Notice	Convert to Inj	ection 🔾	Plug Back		Water Disposal			
13. Describe Proposed or Complete If the proposal is to deepen direction Attach the Bond under which following completion of the intesting has been completed. It determined that the site is read Drill 6 1/2" hole to POH with drill stri	ectionally or recomplet the work will be perfor volved operations. If the Final Abandonment Not	e horizontally, gined or provide to operation resides shall be fill 1,432' (TVD of	the Bond No. on file ults in a multiple com led only after all requ	ons and with B opletion direment	measured and tr LMVHIA. Requ or recompletion a, including recl	ired subseque in a new inte lamation, have	nt reports sharval, a Form been compl	All be filed within 30 days 3160-4 shall be filed once eted, and the operator has
						Length	Measured Depth	
								
	0)./	Float shoe				3'	14,437 14,434	
вотт	ом: 1 JT	23 #/FT	P-110	I	FL4S	38	14,396	
	Float coll	ar 23 #/FT	P-110		FLAS	1' 39"	14,395 14,356	
	1 JT 1	Landing collar				1"	14,355	
TOP:	101 JT 1	23 #/FT Liner hanger	P-110]	FL4S	3843' 26'	10,512 10,486	
	SX of Cemcrete Blend 4	-	1 7 and D600 ± 05	and Di	135 + 05 ench D	047 + 4% D6°	5 + .1% D800.	Displaced
w/ fresh water an	SX of Cemerete Blend 4. d mud. Liner hanger an cement at liner top. Rig	d packer set had	full returns during cen	menting.	Did not bump p	olug, float held	. WOC 13 H	lrs. Trip in
								

14. Thereby certify that the foregoing is true and correct Title Name (Printed/Typed) VICE PRESIDENT OPERATIONS MICHAEL S. DAUGHERTY Signature Date 7/30/01 ACCEPTED FOR REGORD ACE FOR FEDERAL OR STATE OFFICE USE Date Title Approved by GLASS 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

#0.540 777.0508 LASS 7 CET ED 1750**8**

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BECEINED

Form 3160-5 (November 1994)

UNITL STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Oil Cons. N.M. DIV-Dist. 2 FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996 CISF

BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLISOT W. Grand Avenue 0556859-A Do not use this form for proposals to drill or to re-enter Artesia, NM 88210 II Indian, Allottee or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other Instructions on reverse side NASH UNIT 8131 Type of Well Oil Well & Gas Well Other Well Name and No. NASH UNIT #52 Name of Operator 9. API Well No. MURCHISON OIL & GAS, INC. 30-015-31510 Address 1100 MIRA VISTA BLVD. 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory Area PLANO, TX. 75093-4698 (972) 931-0700 NASH DRAW MORROW Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1628 FSL & 2150 FWL UNIT K SEC 12 T23S R29E SURFACE: UNIT C SEC 12 : T23S 660 FNL & 1980 FWL EDDY COUNTY, NM. 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Deepen Production (Start/Resume) Water Shut-Off Acidize O Notice of Intent Reclamation Well Integrity Alter Casing Fracture Treat (X) Other RUN CASING Subsequent Report C Recomplete Casing Repair New Construction ☐ Plug and Abandon Temporarily Abandon AND CEMENT Change Plans ☐ Final Abandonment Notice Water Disposal Plug Back Convert to Injection 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 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: 7 5/8" N-80 LT&C BOTTOM: 104 JTS. 39 #/FT LT&C 7 5/8" 33.7 #/FT N-80 21 JTS. FROM SURFACE DV TOOL 6181' 7 5/8" 33.7 #/FT N-80 LT&C 50 JTS. LT&C 106 JTS. 7 5/8" 33.7 #/FT P-110 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. Thereby certify that the foregoing is true and correct Title Name (Frinted/Typed) VICE PRESIDENT OPERATIONS MICHAEL Signature Date 7/30/01 ACCEPTED FOR REGARDPACE FOR FEDERAL OR STATE OFFICE USE (ORIG. SGD.) DAVID R. GLASS Title Date Approved by 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.

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74:8 HA 1-3UA 1002

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