

1599

Form C-142
Date 06/99

District I - (505) 393-6161
1623 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1233
811 S. First
Artesia, NM 88210
District III - (505) 334-6171
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

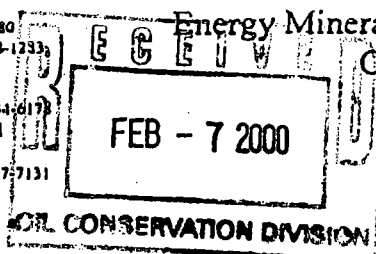
New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE



APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address MURCHISON OIL & GAS, INC. 1445 ROSS AVE., STE. 5300, LB 152 DALLAS, TX. 75202-2883						OGRID Number 015363	
Contact Party MICHAEL S. DAUGHERTY						Phone (214) 953-1414	
Property Name JACKSON				Well Number 7		API Number 30-025-34687	
UL J	Section 15	Township 24S	Range 33E	Feet From The 1980	North/South Line SOUTH	Feet From The 1980	East/West Line EAST
						County LEA	

II. Date/Time Information

Spud Date 10/16/99	Spud Time 2200 HRS	Date Completed 12/11/99	Pool JOHNSON RANCH WOLFCAMP
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of TEXAS)

ss.

County of DALLAS)

MICHAEL DAUGHERTY, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Michael S. Daugherty Title V P OPERATIONS Date 2/2/00

MICHAEL S. DAUGHERTY

SUBSCRIBED AND SWORN TO before me this 2nd day of FEBRUARY, 2000.

My Commission



CARLA J. BROWN
MY COMMISSION EXPIRES
November 22, 2000

Notary Public

11/22/2000

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Parley</u>	Title <u>P.F. Spee.</u>	Date <u>FEB 10 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/11/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV2010848227

JACKSON #7
LIST OF WORKING INTERST OWNERS

OWNER	INTERST
MURCHISON OIL & GAS INC. 1445 ROSS AVE. STE 5300 LB 152 DALLAS TX 75202-2883	0.42128370
DAVID JOHN ANDREWS 1001 LOOP 360 SOUTH BUILDING L, SUITE 100 AUSTIN TX 78746	0.00084167
DENNIS D. CORKRAN 1001 LOOP 360 SOUTH BUILDING L, SUITE 100 AUSTIN TX 78746	0.00085958
ENRON OIL & GAS COMPANY P. O. BOX 2267 MIDLAND TX 79702	0.25532364
GEODYNE NOMINEE CORPORATION C/O SAMSON RESOURCES COMPANY P. O. BOX 94339 TULSA OK 74194	0.05936275
HEATHARY RESOURCES, INC 6318 CHERRY HILLS ROAD HOUSTON TX 77069	0.00446816
MEC PETROLEUM CORPORATION P. O. BOX 11265 MIDLAND TX 79702	0.04680930
SAMSON RESOURCES COMPANY ATTN: JOINT INTEREST ACCOUNT TWO WEST SECOND STREET TULSA OK 74103-3103	0.07095498
TEXACO EXPLORATION & PROD. P. O. BOX 3109 MIDLAND TX 79702-3109	0.12766182
DUER C. WAGNER, III 2930 CITY CENTER TOWER II 301 COMMERCE STREET FORT WORTH TX 76102	0.01243440
TOTAL	1.00000000

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department.

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-025-34687
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. LG 6337

7. Lease Name or Unit Agreement Name JACKSON UNIT
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8. Well No. 7

9. Pool name or Wildcat JOHNSON RANCH WOLFCAMP

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER _____

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

3. Address of Operator 1445 ROSS AVE., STE. 5300, LB 152 DALLAS, TX. 75202-2883
--

4. Well Location Unit Letter <u>J</u> : <u>1980</u> Feet From The <u>SOUTH</u> Line and <u>1980</u> Feet From The <u>EAST</u> Line Section <u>15</u> Township <u>24S</u> Range <u>33E</u> NMPM <u>LEA</u> County _____
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10. Date Spudded 10/16/99	11. Date T.D. Reached 11/20/99	12. Date Compl. (Ready to Prod.) 12/11/99	13. Elevations (DFA RKB, RT, GR, etc.) 3611' CL 3630' KDB	14. Elev. Casinghead 3611'
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15. Total Depth 13841'	16. Plug Back T.D. 13832'	17. If Multiple Compl. How Many Zones? _____	18. Intervals Drilled By Rotary Tools <u>X</u> Cable Tools _____
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19. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP	20. Was Directional Survey Made NO
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21. Type Electric and Other Logs Run LATERLOG, DENSITY-NEUTRON, GR	22. Was Well Cored NO
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23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	68 #/FT	793'	17 1/2"	415 SXS	
9 5/8	47 #/FT	5275'	12 3/4"	1885 SXS	
7"	29 #/FT	12602'	8 1/2"	1015 SXS	
3 1/2"	10.3 #/FT	13832'	6 1/8"	320 SXS	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NONE					NONE		

26. Perforation record (interval, size, and number) 13236' - 13521' 229 HOLES	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	13236 - 13521	43211 GAL 20% ZCA ACID AND 109 TONS OF CO ₂

28. PRODUCTION							
Date First Production 12/11/99		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) SHUT-IN	
Date of Test 12/11/99	Hours Tested 24 HRS	Choke Size 32/64	Prod'n For Test Period	Oil - Bbl. 360	Gas - MCF 5900	Water - Bbl. 0	Gas - Oil Ratio 16 MCF/BBL
Flow Tubing Press. 1200 PSI	Casing Pressure 1000 PSI	Calculated 24-Hour Rate	Oil - Bbl. 360	Gas - MCF 5900	Water - Bbl. 0	Oil Gravity - API - (Corr.) 56°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) FLARED	Test Witnessed By GARDIAN TESTERS
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30. List Attachments

31. 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			
Signature <u>Michael S. Daugherty</u>	Printed Name <u>MICHAEL S. DAUGHERTY</u>	Title <u>V P OPERATIONS</u>	Date <u>12/17/99</u>

(Faint, illegible handwritten notes)

This form is to be filed with the appropriate District Office of the Division 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 drill 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand 5264
T. Drinkard _____	T. Bone Springs 9154
T. Abo _____	T. _____
T. Wolfcamp 12293	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C)	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzie _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 12293 to 13545 No. 3, from to
No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
5264	9154	3890	DELAWARE SAND & SHALE				
9154	12293	3139	BONE SPRINGS LIME, SAND AND SHALE				
12293	13841	1584	WOLFCAMP LIME, DOLOMITE AND SHALE				

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., J. nec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-025-34687

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG 6337

7. Lease Name or Unit Agreement Name

JACKSON UNIT

8. Well No.

7

9. Pool name or Wildcat

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. Type of Well:
OIL WELL ☐

GAS WELL ☒

OTHER

2. Name of Operator

MURCHISON OIL & GAS, INC.

3. Address of Operator

1445 ROSS AVE., STE. 5300, LB 152, DALLAS, TX. 75202-2883

4. Well Location

Unit Letter J : 1980 Feet From The SOUTH Line and 1980 Feet From The EAST Line

Section 15 Township 24S Range 33E NMPM LEA County

10. Elevation (Show whether DF, RKD, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. 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.

Drilled 6-1/8" hole to 13,841'. Ran open hole logs, Compensated Neutron Density, GR and Dual Laterlog. Circulate and condition hole. Ran 414 jts. 3-1/2" 10.30 #/FT C-75 CS Hydrill and 33 jts. 3-1/2" 10.30 #/FT N-80 CS Hydrill to 13,832'. Cemented with 320 SXS Premium + .6% Halad-344 + .3% Halad-413 + .3% HR-5 + 5 #/SX Microbond. Bumped plug and floats held. Top of cement @ 11,380' by temp survey. Tagged bottom @ 13,677'. Release rig @ 18:00 HR. 11/22/99.

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

SIGNATURE Michael S. Daugherty TITLE VICE PRESIDENT OPERATIONS DATE 11/23/99

TYPE OR PRINT NAME MICHAEL S. DAUGHERTY

TELEPHONE NO. (214) 953-1414

(This space for State Use) ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DEC - 3 1999

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address MURCHISON OIL & GAS, INC. 1445 ROSS AVE., STE. 5300, LB 152 DALLAS, TX. 75202-2883		OGRID Number 015363
		Reason for Filing Code NW
API Number 30 - 0 25-34687	Pool Name JOHNSON RANCH WOLFCAMP	Pool Code 79335
Property Code 008127	Property Name JACKSON UNIT	Well Number 7

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot/Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	15	24S	33E		1980	SOUTH	1980	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot/Idn	Feet from the	North/South line	Feet from the	East/West line	County
" Loc Code	" Producing Method Code	" Gas Connection Date	" C-129 Permit Number	" C-129 Effective Date	" C-129 Expiration Date				

III. Oil and Gas Transporters

" Transporter OGRID	" Transporter Name and Address	" POD	" O/G	" POD ULSTR Location and Description
007440	EOTT ENERGY OPERATING LIMITED PARTNERSHIP			007-J-15-24S-33E
139633	DUKE ENERGY			007-J-15-24S-33E

IV. Produced Water

" POD

V.

VIA CERTIFIED – Z 328 148 524

February 3, 2000

State of New Mexico
Oil Conservation Division
2040 South Pacheco St.
Santa Fe, NM. 87505

**RE: Jackson Unit #7
Lea Co., NM.**

Gentlemen:

Enclosed please find original Form C-142 + 2 copies for the referenced well.

If you have any questions please give me a call.

Very truly yours,

MURCHISON OIL & GAS, INC.

Michael S. Daugherty CB

Michael S. Daugherty
Vice President Operations

MSD/cb/Jackson7-C142

Encl.

J. Coates
Proprietary
and Office

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department

Form L-100
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-34687
3. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. LG 6337
7. Lease Name or Unit Agreement Name JACKSON UNIT
8. Well No. 7
9. Pool name or Wildcat Johnson Ranch Wolfcamp

SUNDARY 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. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐	
2. Name of Operator MURCHISON OIL & GAS, INC.	
3. Address of Operator 1445 ROSS AVE., LB 152, DALLAS, TX: 75202-2883	
4. Well Location Unit Letter J : 1980 Feet From The SOUTH Line and 1980 Feet From The EAST Line Section 15 Township 24S Range 33E NMPM LEA County	
10. Elevation (Show whether DF, RAB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☒
OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☒
	OTHER: ☐

12. 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.

Well spudded on 10/16/99 and drilled 17-1/2" hole to 793'. Ran 20 joints 13-3/8" 68#/ft. K-55 butt casing to 793'. Cemented with 385 SXS PP econolite + 2% CaCl. + .25 #/SX flocele followed by 300 SXS PP w 2% cacl. Circulate 115 SX cement to pit. Bump plug. Float held ok. WOC 30 hrs. NU BOP. Test blind rams casing & manifold to 800 PSI. Held ok. Drill out shoe and return to drilling 12-3/4" hole.

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

SIGNATURE

Michael S. Daugherty

TITLE

VICE PRESIDENT OPERATIONS

DATE

11/9/99

TYPE OR PRINT NAME

MICHAEL S. DAUGHERTY

(214) 953-1414

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

NOV 24 1999