# **KELLAHIN & KELLAHIN** Attorney at Law

W. Thomas Kellahin New Mexico Board of Legal **Specialization Recognized Specialist** in the area of Natural resourcesoil and gas law

P.O. Box 2265 Santa Fe, New Mexico 87504 117 North Guadalupe Santa Fe, New Mexico 87501 January 16, 2003

Telephone 505-982-4285 Facsimile 505-982-2047 tkellahin@aol.com

### HAND DELIVERED

Ms. Lori Wrotenbery, Director **Oil Conservation Division** 1220 South Saint Francis Drive <u>.</u> Santa Fe, New Mexico 87505 Administrative Application of Fasken Oil and Ranch, Ltd. Re: for approval of a unorthodox well location for its Atoka Gas Pool (DHC-3053) Ms. Wrotenbery: On behalf of Fasken Oil and Ranch, Ltd, please find enclosed our *Ghandland* (2)(b)). This location crowds the interior line between the NW114 3/4 of this spacing unit (330 feet instead of 660 feet) Section. Howell "29" Com Well No. 1, Unit G,

Dear Ms. Wrotenbery:

referenced application that is being filed in accordance with Division Rule 104.D(2)(b)). This location crowds the interior line between the NW/4 and the NE/4 of this spacing unit (330 feet instead of 660 feet.) consisting of the N/2 of Section.

ery truly yours

1. 1. **1**. 1. 1.

W. Thomas Kellahin

# ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

# APPLICATION OF FASKEN OIL & RANCH, LTD. FOR APPROVAL OF AN UNORTHODOX WELL LOCATION EDDY COUNTY, NEW MEXICO

### **ADMINISTRATIVE APPLICATION**

Comes now FASKEN OIL AND RANCH. LTD. ("Fasken") and by and through its attorneys, Kellahin & Kellahin, and in accordance with Division General Rule 104.F, applies to the New Mexico Oil Conservation Division ("Division") for approval of an unorthodox gas well location for its Howell "29" Com Well No. 1, an existing Morrow gas well located 1980 feet FNL and 2310 feet FEL (Unit G) of Section 29, T20S, R25E, Eddy County New Mexico to be dedicated to a standard 320-acre gas spacing unit consisting of the N/2 of this section to be recompletion from Cemetary-Morrow Gas Pool to South Dagger Draw-Upper Penn (Associated) Gas Pool, North Indian Basin-Strawn Gas Pool and the wildcat-Atoka Gas Pool (DHC-3053).

In support, Fasken states:

1. Fasken is the operator of the Howell "29" Com Well No. 1 currently completed in the Cemetary-Morrow Gas Pool and desires approval to recomplete and produce this well at a unorthodox well location for any production from the Atoka, Strawn and Upper Penn formation.

2. The well was located 1980 feet FNL and 2310 feet FEL (Unit G) Section 29, T20S, R25E, at a standard gas well location for the Cemetary-Morrow Gas Pool. See Exhibit 1

3. This well was spudded on March 29, 1974 and drilled pursuant to the former Rule 104 that allowed wells to be 330 feet from the interior quarter section line of the spacing unit. 4. Effective August 31, 1999, the Division amended Rule 104 to require well to be no closer than 660 feet to the side boundaries of the quarter section in which the well was located.

5. That Rule change now makes this well unorthodox for recompleting into the Strawn, Atoka and Upper Peen formations.

6. On October 1, 2002, the Division issued Administrative Order DHC-3053 approving Fasken's application to downhole commingling production in the wellbore from the Atoka, Strawn and Upper Penn formations. See Exhibit 2

# **TECHNICAL EVIDENCE**

7. Before plugging the well, Fasken would like to test the Atoka, Strawn and Upper Penn formation based upon the following geologic evidence:

- (a) Exhibit 3: geological summary
- (b) Exhibit 4: production data
- (c) Exhibit 5: portion of log of subject well
- (d) Exhibit 6: Cross Section

8. Fasken's proposed unorthodox well location encroached on an internal boundary of the GPU (330 feet instead of 660 feet) from the quarter section line.

## **NOTIFICATION**

9. The North half of Section 29 consists of parts of 4 oil & gas leases:

- (a) a federal lease consisting of Units A, B, H
- (b) another federal lease consisting of Unit F
- (c) a state lease consisting of Units D, C, E
- (d) a fee lease consisting of Unit G (Well Tract)

10. Notice has been sent to all of the interest owners in the GPU. Exhibit 7

11. Approval of this application will afford the owners and the applicant the opportunity to produce their just and equitable share of the gas in the Atoka formation, will promote the orderly development in this area, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells and will otherwise prevent waste and protect correlative rights.

WHEREFORE, Applicant requests that this application be approve by the Division.

Respectfully Submitted: W. Thomas Kellahin

District I 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 South First, Artesis, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Axtec, NM 87410 <u>District IV</u>

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised March 17, 1999

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

		WE	ELL LOO	CATION	AND ACR	EAGE DEDIC	ATION PLA	T.T		
30-015-	API Number 21140	7	970	<sup>3</sup> Pool Code	In	dian Basin	'Pool Nam Strawn, No			
*Property 028914		Howe	L1 "29"		<sup>5</sup> Property N	ame			Veli Number 1	•
<b>'OGRID No.</b> 151416 Fasker			en Oil	and Ran	<sup>*</sup> Operator N nch, Ltd.	ame			Bevation 3542	
					<sup>10</sup> Surface I	ocation				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County
G	29	20S	25E		1980'	north	2310'	east	Eddy	
			11 Dott	om Hole	Location If	Different From	n Surface			

Bottom Hole Excation if Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>13</sup> Dedicated Acres	<sup>D</sup> Joint o	Infill <sup>14</sup>	Consolidation (	Code <sup>15</sup> Ord	er No.				
320						·			]

#### NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

6		<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	C	Signature Printed Name Jimmy D. Carlile Title Regulatory Affairs Coordinato Date September 9, 2002	r
		<sup>18</sup> SURVEYOR CERTIFICATION <sup>1</sup> hereby certify that the well location shown on this plat was plotted from field notes of actual surveys mode by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey	
		Signature and Scal of Professional Surveyer: Certificate Number	



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Betty Rivera Cabinet Secretary

Lori Wrotenbery Director Oil Conservation Division

FILE

OCT 8 1 2002



## **ADMINISTRATIVE ORDER DHC-3053**

Fasken Oil and Ranch, Ltd. 303 West Wall, Suite 1800 Midland, Texas 79701

Attention: Mr. Jimmy D. Carlile

Howell "29" Com Well No. 1 API No. 30-015-21140 Unit G, Section 29, Township 20 South, Range 25 East, NMPM, Eddy County, New Mexico Undesignated South Dagger Draw-Upper Penn (Associated 15475), Undesignated North Indian Basin-Strawn (Gas 97013), and Wildcat-Atoka (Gas) Pools.

Dear Mr. Carlile:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the well bore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's Southeast Gas Proration Schedule.



Administrative Order DHC-3053 Fasken Oil and Ranch, Ltd. September 26, 2002. Page 2

Assignment of allowable to the well and allocation of production from the well shall be on the following basis unless amended with permission of the Artesia District Office and copied to this office:

Undesignated South Dagger Draw-Upper Penn	Oil-40%	Gas-40%
Undesignated North Indian Basin-Strawn	Oil-20%	Gas-20%
Wildcat-Atoka	Oil-40%	Gas-40%

REMARKS: The operator shall notify the Artesia District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.C.(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 26th day of September 2002.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

LORI WEDGE

LORI WROTENBERY Division Director

LW/wvjj

cc: Oil Conservation Division – Artesia Bureau of Land Management – Carlsbad Fasken Oil & Ranch, Ltd. Howell 29 Com #1 Section 29; 20S; 25E 1980' FNL & 2310' FEL Eddy Co., New Mexico Spud 3-29-1974 TD 9675'

## **Geological Report**

The Fasken Howell 29 Com #1 well was drilled at a non-standard location for a Morrow Sand target. While evaluating this wells electric logs using Schlumberger's Coriband Computer Processed Interpretation, Fasken identified some possible pay in the Wolfcamp, Canyon, Strawn and Atoka Formations. Proposed perforations in this well at this time are Canyon 8318'-23', Strawn 8436'-42' plus 8569'-75' and Atoka 8913'-21' plus 9036'-38'. Fasken believes the Wolfcamp to be productive as well from 6736'-52' and 7190'-7206' (DST of 306 MCF/D).

There are 4 Atoka producers within 3 miles of this well that have a cumulative gas production ranging from 7 MMCFG to 248 MMCFG (only one of them over 100 MMCFG Cum). There are 8 Strawn producers within 3 miles of this well that have a cumulative gas production ranging from 4.4 MMCFG to 1,123 MMCFG (four of them over 500 MMCFG Cum). There are 8 Wolfcamp producers within 3 miles of this well that have a cumulative gas production ranging from 1.7 MMCFG to 204 MMCFG (only one of them over 100 MMCFG Cum). Because of the poor average gas Cum results to date and the scattered nature of the production, these zones have not been considered an economic exploration target in this area. However, when encountered they should be produced to prevent waste.

The Howell 29 Com #1 well is in the heart of Section 29 and does not encroach on nor drain other leases, but is less than 660' from the quarter section line.

Dexter L. Harmon CPG # 4326



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n an	N.M. Oil Cons. DIV-Dis	
	1301 W. Grand Aven	ue
(1990) DEPARTME	NITED STATES Artesia, NM 88210	Budget Buresu No. 1004-0135 Expires: March 31, 1993
BUREAU OF	LAND MANAGEMENT	5. Lease Designation and Serial No. NM 06796
not use this form for proposals to a	S AND REPORTS ON WELLS drill or to deepen or reentry to a different reserv OR PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name
SUBM	IT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
rpe of Well Oil Well Well Other		SW 910
Well Well Other ame of Operator sken Oil and Ranch, Ltd.	SEP 2002	Howell "29" Com No. 1
idress and Telephone No.		
3 W. Wall, Suite 1800, Midland, TX 7970 cation of Well (Footage, Sec., T., R., M., or Survey	CO- ARTESIA	N 10. Field and Pool, or Exploratory Area See Attached
80' FNL, 2310' FEL Section 29, T20S, R2		11. County or Parish, State Eddy, NM
CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACT	ION
Notice of Intent	Abandonment           X         Recompletion	Change of Plans
Subsequent Report	Plugging Back	Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Casing Ca	Water Shut-Off Conversion to Injection Dispose Water
	all pertinent details, and give pertinent dates, including estimated date of a	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
give subsurface locations and measured and true ven sken Oil and Ranch, Ltd. proposes to rec lian Basin Strawn,North; and the Wildcat plication has been filed for BLM's approve	tical deputs for all markers and zones pertinent to this work.)* complete the subject well from the Morrow to the Dag (Atoka) pools. These zones will be downhole commi al to downhole commingle these zones, along with an he attached for the workover procedure.	ger Draw Upper Penn, South; the ingled upon completion. A separate
		APPROVED
		SEP 2 3 2002
		LES BABYAK PETROLEUM ENGINEER
ereby certify that the foregoing is true and forrect .		

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ilence Hung anne	TitleRegulatory Affairs Coordinator	9/10/2002
This space for Federal State office use)		
Approved by Zonditions of approval, if any:	Title	Date

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 presentations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

### Workover Procedure Howell "29" No. 1 AFE 598

	Fasken Oil & Ranch, Ltd Howell "29" No. 1 Cemetary (Morrow) Field
	Surface Location: 1980' FNL & 2310' FEL Sec 29, T20S, R25E, Eddy Co., NM
	Objective: Abandon Morrow, Recomplete to Atoka, Strawn, Canyon.
	KB: 15' above GL
	Completed: 6-7-74
	TD: 9675'
	PBTD: Current 9480' by power swivel 12/01. Original 9607' FC
ĺ	13-3/8" @ 202' w/400 sx, Circ to surf.
	8-5/8" @ 3240' w/1200 sx, Circ to surf.
	4-1/2" 10.5 & 11.6#/ft @ 9673' w/775sx, TOC 7190' by Temp.
	Perfs: Original 1JSPF 9484-9504', (20 holes).
	Oct 1992 perfed 1JSPF w/2-1/8" OD strip gun, 0.29" entry hole at 9332'-61',9364'-69',
	9470'-78' (45 holes).
	Mar 1998 perfed 1JSPF w/1-11/16" OD strip gun, at 9332'-61', 9364'-69', 9484'-9504'
ł	(57 holes).
	Dec 2001 Perf 9332'-61',9364'-69' (68 holes).
ļ	Total Perfs 9332'-9504' total 122 holes, (Perfs 9332'-69' 140 holes).
	Packer: Arrowset I-10K packer set @ 9281.79' w/TOSSD w/1.875" "F" profile nipple.
	Perm Packer: WL set 4-1/2" Arrowdrill pkr at 9420' w/1.781" "R" check valve
l	Tubing 2-3/8" 4.7 #/ ft EUE 8RD N-80.

1. RUPU. Kill well via tubing with 36 bbl 3% KCL water containing 0.5 gpt ClayMaster 5-C.

2. NDWH, Install BOP.

- 3. Release Arrowset 1-10k packer at 9282' and POW w/2-3/8" 4.7/ft EUE 8rd N-80 tubing.
- 4. RU wireline lubricator. RIW with 4-1/2" CIBP and set at 9300'. Spot 35' Class "H" cement on CIBP with dump bailer for PBTD of 9265'.
- 5. Fill casing with 3% KCL water containing packer fluid and ½ gpt BJ's ClayMaster 5C (or equiv.).
- 6. RIW w/ wireline entry guide, 4-1/2" Arrowset I 10k packer w/TOSSD w/1.781' "F" profile, 2-3/8" 4.7#/ft EUE 8rd N-80 tubing. Set packer at 8280'+/-.
- 7. ND BOP, NU 2-3/8" 3000 psi rebuilt X-mas tree landing tubing with packer in 12,000 lbs compression. Pressure test packer, casing and tree to 1500 psi.
- 8. Swab tubing fluid level to 8000'+/-.
- 9. RU wireline company and lubricator. Perforate the following intervals with 1-11/16" strip gun by Schlumberger Compensated Neutron-Formation Density log dated 6-May-74:

9036'-9038' Atoka 1 jspf (3 holes) (9034'-9036' CCL/GR) 8913'-8921' Atoka 1 jspf (9 holes) (8910'-8918' by CCL/GR) 8568'-8576' Strawn 1 jspf (9 holes) (8564'-8572' by CCL/GR) 8436'-8442' Canyon 1 jspf (7 holes) (8433'-8439' by CCL/GR) 8318'-8323' Canyon 1 jspf (6 holes) (8315'-8320' by CCL/GR) total 34 holes

 If stimulation required. RU BJ Services. RU tree saver. RU pump truck and trap 1500 psi on tubing casing annulus. Acidize perfs 8318'-9038' with 1500 gal mixture of 7-1/2% HCL +25% methanol with 1000 scf/bbl nitrogen dropping 68 7/8" 1.3 sg RCN ball sealers evenly spaced. Max surface pressure 7500 psi. Acid additives:

2 gpt CI-27, 1 gpt Ne-940 Non-emulsifier, 1 gpt Inflo-150 Surface Tension reducer, 6 gpt FE-270 Iron Control, 2 gpt FE-271 Iron Control activator, 0.5 gpt Clay Master-5C Clay Control. Replace 25% of the acid mix water with methanol. 1500 gallons of 7.5% HCL requires 1215 gals water and 285 gals 28 Baume HCL, so mix with 911 gals water, 285 gals raw acid, 304 gals methanol. Flush with 3% kcl water containing 0.5 gpt Clay Master-5C with 1000 scf/bbl nitrogen.

11. Flow and swab back load and acid water to pit until flare will burn.

12. Return well to sales

CWB 8-29-02 (How291 afe598 pro.doc)

# KELLAHIN & KELLAHIN Attorney at Law

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January 16, 2003

### **CERTIFIED MAIL-RETURN RECEIPT REQUESTED**

# NOTICE OF THE FOLLOWING NEW MEXICO OIL CONSERVATION DIVISION ADMINISTRATIVE CASE:

Re:Administrative Application of Fasken Oil and Ranch, Ltd for approval of its administrative application for an unorthodox Atoka, Strawn and Upper Penn locations for its Howell "29" Com Well No. 1, N/2 Section 29, T20S, R25E, Eddy County, New Mexico.

On behalf of Fasken Oil and Ranch, Ltd. ("Fasken"), please find enclosed a copy of its referenced administrative application. If you have no objection, then there is nothing for you to do. However, should you have any objection to the Division approving this application, then it will be necessary for you to file a written objection with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505 within twenty (20) days of the date of this letter. Failure to file a timely objection will preclude you from objecting at a later date.

Very truly yours, Thomas Kellahin 19 1**9** 19 1

- TO: Jimmy Carlile
- FROM: Mark Bell
- RE: Working Interest Owners Howell 29 Com #1 Indian Hills #16
- DATE: January 14, 2003

## Howell 29 Com #1

- Fasken Land and Minerals, Ltd. 303 W. Wall, Suite 1800 Midland, TX 79701
- Brooks Oil & Gas Interests, Ltd.
   P. O. Box 23314
   Santa Fe, NM 87502

Oil & Gas Leases: NM-4026, NM-670, Fee – Howell, State Lease L-2502. All four (4) Oil and Gas Leases that include acreage in the N/2 of Section 29 were assigned 100% to David Fasken. David Fasken assigned Richard Brooks an undivided 2% interest in each of the leases in assignment dated July 7, 1975 resulting in the ownership of each lease being 98% Fasken and 2% Brooks.

Here is the listing of Royalty and ORR owners for the Howell.....

Jimmy D. Carlile

-----Original Message-----From: Mark Bell [mailto:markb@forl.com] Sent: Wednesday, January 15, 2003 3:14 PM To: Jimmy Carlile Subject: Re: NSL.Howell 29 Com Well No 1

N/2 Section 2	9: ,		
NM-4026	USA-Lessor	120/320=.3750	ORRI Jo Ann Powers Yates .01875
			P. O. Box 840
			Artesia, NM 88211
NM-670	USA-Lessor	40/320=.1250	
			Coblentz, Patch, Duffy & Bass, LLP
			222 Kearny Street, 7th Floor
			San Francisco, CA 94108-4510
L-2502	State of NM-Le	essor 120/320=.3	•
			1600 smith Street, Suite 4600
			Houston, TX 77002
			Kirby Minerals, LC .0084375
'			P. O. Box 57330
			Oklahoma City, OK 73157
			Gene F. Lang & Company .00046875
			6995 Chapparal Circle West
			Autora, CO 80016
			David T. Holt .00046875
			P. O. Box 844 Clarksville, TN 37041
Uowell I e	ase Feelease	No OPPI Por	yalty Owners James H & Betty R Howell Revocable Trust .0078125
HOWENDE			P. O. Box 118
			Lakewood, NM 88254
			Richard Howell
			P. O. Box 94
			Lakewood, NM 88254

#### TO: Jimmy Carlile

### FROM: Mark Bell

RE: Working Interest Owners Howell 29 Com #1 Indian Hills #16

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			P. O. Box 840
			Artesia, NM 88211
<b>NM-670</b>	USA-Lessor	40/320=.1250	0 ORRI Phillip S. Boone, Jr .0050
			Coblentz, Patch, Duffy & Bass, LLP
			222 Kearny Street, 7th Floor
			San Francisco, CA 94108-4510
L-2502	State of NM-Le	essor 120/320=.3	.3750 ORRI Pure Resources, L.P009375
			1600 smith Street, Suite 4600
			Houston, TX 77002
			Kirby Minerals, LC .0084375
			P. O. Box 57330
			Oklahoma City, OK 73157
			Gene F. Lang & Company .00046875
			6995 Chapparal Circle West
			Aurora, CO 80016
			David T. Holt .00046875
			P. O. Box 844
			Clarksville, TN 37041
Howell Les	ise Fee lease	No ORRI Roy	oyalty Owners James H & Betty R Howell Revocable Trust .0078125
	1		P. O. Box 118
			Lakewood, NM 88254
			Richard Howell
			P. O. Box 94
			Lakewood, NM 88254

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Very truly yours,

W. Thomas Kellahin

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CMD :ONGARD01/27/03OG6IWCMINQUIRE WELL COMPLETIONSOGC:	
API Well No : 30 15 21140 Eff Date : 10-01-2001 WC Status : A Pool Idn : 74640 CEMETARY;MORROW (GAS) OGRID Idn : 151416 FASKEN OIL & RANCH LTD Prop Idn : 28914 HOWELL 29 COM	
Well No : 001 GL Elevation: 99999	
U/L Sec Township Range North/South East/West Proplet	Z)
B.H. Locn : G 29 20S 25E FTG 1980 F N FTG 2310 F E Lot Identifier: Dedicated Acre: 320.00 Lease Type : P Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : M0025: Enter PF keys to scroll	

 PF01 HELP
 PF02
 PF03 EXIT
 PF04 Goto
 PF05
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CMD : OG6ACRE		ONG C102-DEDIC		GE		/27/03 17:11 OGC/	UV
	: 30 15 2 : 74640 CE			0-1991		Page L	<u>1</u>
Spacing Unit	: 28914 H : 21842 O g : 29 20S 2 and:	CD Order :		Simu] Revis	taneous sed C102?	Well No Dedicati (Y/N)	1
	S Base	U/L Sec Twj	o Rng Acre	-	Ownersh	ip Lot Lun	
			S 25E 40		FD		
		B 29 20	S 25E 40	.00 N	FD		
		C 29 20	S 25E 40	.00 N	ST		
		D 29 20	S 25E 40	.00 N	ST		
		E 29 20	S 25E 40	.00 N	ST		
		F 29 203	S 25E 40	.00 N	FD		
		G 29 20	S 25E 40	.00 N	$\mathbf{F}\mathbf{E}$		
		H 29 205	S 25E 40	.00 N	FD		
	5: Enter data	-	_				
PF01 HELP		PF03 EXIT					
PF07 BKWD	PF08 FWD	PF09	PF10 LAN	D PF11	NXTSEC	PF12	

CMD : OG6IPRD	INQUIRE PR	ONGARD ODUCTION BY	POOL/WELL	OG	0 1 :: 11 : 05 C.1 : WJ gc i
Pool Identif	fier : 151416 FASKEN ier : 74640 CEMETARY : 30 15 21140 R	; MORROW (GAS	3)	01 2000 To : 1	2 2
API Well No	Property Name	-			
		MM/YY Pro		Oil	Wat tat
30 15 21140		01 00 31			••••••••••••••••••••••••••••••••••••••
30 15 21140	HOWELL 29	02 00 29	<b>94</b> 9		
30 15 21140	HOWELL 29	03 00 31	2694		
30 15 21140	HOWELL 29	04 00 30	603		
30 15 21140	HOWELL 29	05 00 31	269		
30 15 21140	HOWELL 29	06 00 30	325		
30 15 21140	HOWELL 29	07 00 31	371		
Rep	orting Period Total (	Gas, Oil) :			
M002	5: Enter PF keys to s	croll			
PF01 HELP	—		oTo PF05	5 PF06	
PF07 BKWD	PF08 FWD PF09	PF10 N	IXTPOOL PF11	1 NXTOGD PF12	

CMD : OG6IPRD	INQUIRE PRO	ONGARD	BY POOL/WE		./27/03 OGC:
OGRID Identifier	: 151416 FASKEN (	OIL & RANG	CH LTD		Page
Pool Identifier		-			
API Well No	: 30 15 21140 Re	eport Per	10d - Froi	n: 01 2000 1	lo : 12 1
API Well No Pro	perty Name				
				Gas Oil	
30 15 21140 HOWE			23 11		
30 15 21140 HOWE			30 28		
30 15 21140 HOWE	LL 29	10 00 3	31 23	376	
30 15 21140 HOWE	LL 29	11 00 3	30 13	372	
30 15 21140 HOWE	LL 29	12 00 3	30 <del>(</del>	537	
30 15 21140 HOWE			31 13		
30 15 21140 HOWE	LL 29	02 01 2	28 27	741	

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CMD : OG6IPRD INQUIRE	ONGARD PRODUCTION BY E	POOL/WELL	<b>01/</b> 27/03 OGC: Page
OGRID Identifier : 151416 FASKE Pool Identifier : 74640 CEMETA API Well No : 30 15 21140	ARY; MORROW (GAS)		
API Well No Property Name	-		tion Volumes Oil Vir
30 15 21140 HOWELL 29	03 01 31	2890	7
30 15 21140 HOWELL 29	04 01 30	3007	
30 15 21140 HOWELL 29	05 01 9		
30 15 21140 HOWELL 29	06 01 30		
30 15 21140 HOWELL 29		415	
30 15 21140 HOWELL 29	08 01 31		
30 15 21140 HOWELL 29	09 01 30	737	
Reporting Period Total	L (Gas, Oil) :		
	EXIT PF04 Go		
PF07 BKWD PF08 FWD PF09	PFIO NA	CLEOOP BEIT	NATOGD PF12

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Date: 1/27/2003 Time: 12:20:56 PM

CMD : OG6IPRD	OI INQUIRE PRODI	NGARD UCTION	BY POOL/W	IELL	01/27/01 OGC Pac
OGRID Identifier : 151 Pool Identifier : 746 API Well No : 30	40 CEMETARY;M	ORROW	(GAS)	om : 01 200	
API Well No Property		MM/YY	Prod	Gas	Oil V
30 15 21140 HOWELL 29					
30 15 21140 HOWELL 29	COM	11 01	30	<b>69</b> 6	2
30 15 21140 HOWELL 29	COM	12 01	31	<b>8</b> 5	
30 15 21140 HOWELL 29	COM	01 02	31	390	3
30 15 21140 HOWELL 29	COM	02 02	28	478	
30 15 21140 HOWELL 29	COM	03 02	31	326	
30 15 21140 HOWELL 29	COM	04 02	30	239	
E0049: User ma	-	rolling		<b>DTOS</b>	
PF01 HELP PF02					
PF07 BKWD PF08 FWD	PF09	PF:	LU NXTPOOL	PF11 NXTO	GD PF12

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CMD OG6:	: I PRD				INQUI	( RE PRO	ONGA DUC'		BY F	POOL/W	ELL		<b>/2</b> 7/01 OG1 Pac
Poo	ID Iden l Ident Well N	ifi	ier :	746	40 CEM	ETARY;	MORI	ROW	(GAS)		m : 0	1 2000 T	-
API	Well N	Го Го	Prop	erty			MM,	/YY	Prod	l	Gas	ction Vo Oil	• • •
30	15 211	.40	HOWEL	 - 29								4	
30	15 211	40	HOWEL	29 L	COM		06	02	30		219		
30	15 211	40	HOWEL	29	COM		07	02	31		221		
30	15 211		-								249		
30	15 211	40	HOWEL	29 ت									
	15 211												
30	15 211	40	HOWEL	29 L	COM		11	02	30		752		
	R	epo	orting	Per	iod To	tal (Ga	as,	Oil	) :	34	<b>29</b> 7	22	
	EO	049	9: Use:	c ma	y cont	inue s	cro	llin	- g.				
PF01					-				-	ото	PF05		PPGC
PFOT	7 BKWD		PF08 1	WD	$\mathbf{PF}$	09		$\mathbf{PF}$	10 NX	TPOOL	PF1 <b>1</b>	NXTOGD	PF12

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		29	28 -	27	26	- 25
		32			35	- 36
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x+: 5/25	ec. 19 (	R-1072	1.1-8-97	) Exi: \$/2 Sec. 101	(K-11544, 3-13-01)	المرزغ فيتشاف والمتحج مستعلما والمراجع
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Description: N/2 Sec. 32 (R-11384, 5-25-00)	<sup>4</sup> مین الفاد میں بران المیں ہمیں <u>الالار</u>

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Descri,	ntion	: N/2	Sec.	24	(R-	98 <i>4</i>	4.2	-8 -	93)						

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CMD : OG6IWCM	ONGARD01/27/031INQUIRE WELL COMPLETIONSOGOME					
API Well No : 30 15 314 Pool Idn : 74640 CEME OGRID Idn : 151416 FAS Prop Idn : 28914 HOW	KEN OIL & RANCH LTD	WC Status : A				
Well No : 002 GL Elevation: 3553 U/L Sec	Township Range North/South	East/West Prop/A : (A)				
Lot Identifier: Dedicated Acre: 320.00 Lease Type : S	20S 25E FTG 660 F N					
E6317: No more r	ecs. for this api well no.					

PF01 HELPPF02PF03 EXITPF04 GoToPF05PF06PF07PF08PF09PF10 NEXT-WC PF11 HISTORY PF12 Notes

CMD : OG6ACRE		ONG C102-DEDI	GARD	CREAGE			27/03 OGO	MI		WU
Pool Idn	: 30 15 3 : 74640 CE	METARY; MORRO	W (GAS		91		Page			
Spacing Uni	: 28914 H t : 21842 O g : 29 20S 2 and:	CD Order :			Simul Revis	taneous I	Well Oedica (Y/N)	.ti		-2
	S Base	U/L Sec Tw	vp Rng .	Acreage	L/W	Ownershi	p Lo	t 		
		A 29 20	)S 25E	40.00	N	FD				
		B 29 20	)S 25E	40.00	Ν	FD				
		C 29 20	)S 25E	40.00	N	ST				
		D 29 20	)S 25E	40.00	N	ST				
		E 29 20	)S 25E	40.00	N	ST				
		F 29 20	)S 25E	40.00	N	FD				
		G 29 20	)S 25E	40.00	N	FE				
		H 29 20	)S 25E	40.00	N	FD				
E000.	5: Enter data	to modify o	or PF k	eys to s	scroll					
PF01 HELP	PF02	PF03 EXIT	PF04	GoTo	PF05		PF06	CC	٦	
PF07 BKWD	PF08 FWD	PF09	PF10	LAND	PF11	NXTSEC	PF12	RE		

# Date: 1/27/2003 Time: 12:20:08 PM

CMD :	(	ONGARD			01/27	/03 11 :	. 30
OG6IPRD	INQUIRE PRO	DUCTION	BY PO	OL/WELL		OGOME	
0001110						Page :	
OGRID Identifier : 153	416 FASKEN O	TT. 5. DA	NCH LT	П		ruge	<b>–</b>
Pool Identifier : 746							
					2000 <b>m</b> a	10 0	
API Well No : 30	15 31472 Rej	port Pe	r10a -	From : UI	2000 10 :	<b>12</b> 2.	
	· · · · · · · · · · · · · · · · · · ·						· – –
API Well No Property	/ Name		-				
		MM/YY	Prod	Gas	011	Wat	tat
30 15 31472 HOWELL 29		07 01		532			."
30 15 31472 HOWELL 29	O COM	08 01	31	11864		2	
30 15 31472 HOWELL 29	O COM	09 01	17	25270	27	_	
30 15 31472 HOWELL 29	OM COM	10 01	31	16010		3.	
30 15 31472 HOWELL 29	OM COM	11 01	30	18580	2	5.	1
30 15 31472 HOWELL 29	OM COM	12 01	31	18767		Ζ.	.'
30 15 31472 HOWELL 29	OM COM	01 02	31	14761		j	.1
Reporting Per	riod Total (G	as. Oil	) •				
hopololing for	1000 100001 (0	,					
M0025: Enter H	PF keve to ec	roll					
	-				זת		
	PF03 EXI						
PF07 BKWD PF08 FWD	PF09	PF.	TO NX.L.	POOL PF11	NXTOGD PF	12	

CMD : OG6IPRD IN OGRID Identifier : 151416 Pool Identifier : 74640 API Well No : 30 15	CEMETARY; MORROW (GAS)	OOL <b>/WELL</b> TD	L/27/03 30 34 OGOM: WJ Page 2 To : 12 2
API Well No Property Na	me Prodn. Days MM/YY Prod		
30       15       31472       HOWELL       29       CC         30       15       31472       HOWELL       29       CC	M       03       02       31         M       04       02       30         M       05       02       31         M       06       02       30         M       06       02       30         M       06       02       31         M       06       02       31         M       08       02       31	12236 10381 9580 9848 8638 9033 21222 2	2 2 2 2 16 3
E0049: User may c PF01 HELP PF02		To PF05 TPOOL PF11 NXTOGD	PF06 C <sup>666</sup> : PF12

Date: 1/27/2003 Time: 12:20:20 PM

CMD : OG6IPRD		ON INQUIRE PRODU	GARD CTION	BY POOL/1	WELL	·	/03	
Pool Ider	entifier : 1514 htifier : 7464 No : 30	10 CEMETARY; MO	RROW (	GAS)	om : 01 20		-	J
API Well	No Property	M	M/YY	Prod	Productic Gas	Oil	Water "	
30 15 31	1472 HOWELL 29 1472 HOWELL 29 1472 HOWELL 29	COM 0 COM 1	9 02 3 0 02 3	30 1: 31 2:	9258 4205 0196		17.	·
	Reporting Per:	iod Total (Gas	, Oil)	: 25	0381	32	957	
E PF01 HELE PF07 BKWE		y continue scr PF03 EXIT PF09	PF04	ł GoTo				