Hitchauk , 🌶 611106 KE STOG, VER 106 SD SUSPENSE LOGGEDIN TYPE

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION



- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] **TYPE OF APPLICATION -** Check Those Which Apply for [A] [1] Location - Spacing Unit - Simultaneous Dedication [A] 2006 Check One Only for [B] or [C] JUN 21 [B] Commingling - Storage - Measurement \square DHC \square CTB \square PLC \square PC \square OLS \square OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] 🕺 WFX 🗋 PMX 🗌 SWD 🗌 IPI 🗌 EOR 🗌 PPR ΡM [D] Other: Specify \sim 5 [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] Offset Operators, Leaseholders or Surface Owner [B] [C] Application is One Which Requires Published Legal Notice [D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E] For all of the above, Proof of Notification or Publication is Attached, and/or, Waivers are Attached [F]

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ocean Mun	ts-Dry	Ocean	und-Dry	attor nay	6-21-06
Print or Type Name	J	Signature	7	Title	Date
			0	omundsdrie	holland hart.con
				e-mail Address	



Ocean Munds-Dry omundsdry@hollandhart.com

June 21, 2006

HAND-DELIVERED

Mark E. Fesmire, P.E. Director Oil Conservation Division New Mexico Department of Energy, Minerals and Natural Resources 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

Re: Application of Petrohawk Operating Company for administrative approval of an infill gas well and simultaneous dedication of State "A" A/C 1 Well No. 1, 330' FSL and 2310' FWL, S22-T23S-R36E, Jalmat Gas Pool, Lea County, New Mexico.

Dear Mr. Fesmire:

Pursuant to the provisions of Rule 4(B) of the Special Pool Rules for the Jalmat Gas Pool, as promulgated by Division Order No. R-8170-P dated December 14, 2001, Petrohawk Operating Company ("Petrohawk") hereby seeks an administrative exception to the gas well density provisions of Rule 3(C) and authorization to simultaneously dedicate said well to the 280-acre non-standard spacing and proration unit originally approved by Order No. R-9073, dated December 14, 1989.

Petrohawk seeks approval of the following well in Section 22, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico:

The State "A" A/C 1 Well No. 1 to be re-entered at a non-standard location 330 feet from the South line and 2310 feet from the West line (Unit N).

The proposed well would be re-entered within an existing 280-acre gas spacing unit comprised of Section 22. Therefore, Petrohawk also seeks approval to simultaneously dedicate this well to this spacing unit.

Division Order R-9073 authorized the simultaneous dedication and unorthodox gas well locations for all existing wells in the spacing unit for the following wells:

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, NM 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Billings Boise Boulder Cheyenne Colorado Springs Denver Denver Tech Center Jackson Hole Salt Lake City Santa Fe Washington, D.C. 🙃



State "A" A/C 1 Well No. 94 (API No. 30-025-09384) located 660 feet from the North line and 1980 feet from the West line (Unit C);

State "A" A/C 1 Well No. 97 (API No. 30-025-09385) located 1980 feet from the North and West lines (Unit F);

State "A" A/C 1 Well No. 19 (API No. 30-025-09383) located 1650 feet from the North line and 330 feet from the West line (Unit E); and

State "A" A/C 1 Well No. 1 (API No. 30-025-09381) located 330 feet from the South and 2310 from the West line (Unit N).

The State "A" A/C Well No. 1, according to Division records, was plugged and abandoned in 1993. Therefore, Petrohawk seeks to re-dedicate this well to the existing spacing unit.

The proposed well is necessary to facilitate the recovery of Jalmat gas reserves. Based on the geological discontinuity in the Jalmat, the tighter spacing is anticipated to recover reserves, which cannot be recovered from existing wells. The well will be completed with modern completion and fracture stimulation techniques which will ensure optimal recovery from the discontinuous Yates/Seven Rivers sands. <u>Exhibit 1</u> is a Base Map showing recent Jalmat activity and the proposed well location in Section 22. <u>Exhibit 2</u> is a Top of Structure Map with Petrohawk's acreage position in Section 22 outlined.

Exhibits 3 through 7 are cross-sections showing the Yates and Seven Rivers sands vary substantially from well to well in thickness and reservoir quality. Given the variability of the sands, net pay isopach maps have not proven to be useful and are not included. Detailed correlations with newer generation Density-Neutron logs in the Yates and Seven Rivers interval reveal the sands "come and go" and are not blanket reservoirs. Sands that have not adequately produced in the area are expected in each new well bore.

Jalmat producers have been down-spaced on the Petrohawk acreage from 160 acres to 80 acres to 40-acre spacing in several phases since 1989. New gas production and reserves have always been encountered from these efforts, as shown on **Exhibit 8.** Petrohawk concludes that this area of Jalmat Field has such discontinuous sand reservoirs that infill drilling on 40-acre spacing is required to adequately drain the existing reserves.

The work of Raptor Resources, Inc. ("Raptor"), Mission Resources Corporation ("Mission") and Petrohawk was reviewed from April of 1999 through 2005. All of the new drills and re-completions (32) in Township 22 South, Range 36 East were studied to develop a type curve for the area. The monthly production data for each of these

Administrative Application Petrohawk Operating Co. Page3

HOLLAND&HART



completions was normalized. The data was then averaged to produced a normalized production curve as shown on **Exhibit 9.** Detailed information for all the Mission/Petrohawk completion since Mission took over as operator in March 2004 are listed on **Exhibit 10**. The first month average initial rate for these projects is 149 mcfd. Anticipated reserves per location were determined by using the average initial rate with the decline scenario developed from the type curve. The result of this analysis yields an Estimated Ultimate Recovery of 704 MMCFG.

Economic analysis was performed based on the average initial rates realized (See Exhibit 10) in the Mission/Petrohawk wells completed and using a normalized type curve (See Exhibit 9) designed by studying all completions from 1999 through 2005 on the Petrohawk acreage for the decline rate and hyperbolic exponent. Exhibit 12 lists the details of the input and the results of the economics. The gas is extremely rich with an NGL yield of 136 bbls/mmcf. The processing plant takes 13% of the residue gas and NGL's. Gas shrinkage was based on plant statements. The gas price used in the analysis was \$6.00/mcf flat. No condensate was included in the run. The NGL price was 71% of the oil price (\$60/stb) and thus was \$42.60/bbl flat. This percentage was determine by comparing the actual prices received to NYMEX oil prices. The operating cost is the average per producing well cost in the field. Our operations group provided the CWC for both new drills and re-completes. The results of the analysis show a EUR of 704 MMCF. The new drill wells have an NPV @ 10% - 821 M\$, Rate of Return = 36%, payout in 40 months, and a return on investment ratio of 6.1. The re-completes have an NPV (a) 10% = 1,039 M\$, Rate of Return = 65%, payout in 26 months, and a return on investment ratio of 9.3. In summary, either drilling or re-completing wells on 40-acres with the discontinuous nature of the sands is extremely economic.

Exhibit 11 is the completion data and estimated EUR for the 40-acre locations around the proposed wells. In Unit Letter N of Section 22, the surrounding 40-acre wells have produced 6,382 MMCF and will make another 217 MMCF. The two offsetting wells that have produced out of the Yates (Lynn A No. 2 and El Paso State No. 10) completed only a portion of the productive sands ad were not frac'd. The proposed well was completed in both the Yates and Seven Rivers, but was never fracture stimulated. The mechanical condition of the well should allow re-entry of the plugged wellbore.

Many of the older wells had only small or no frac treatment and were not perforated or treated in a way to adequately contact every gas-bearing sand. In many cases, the Seven Rivers gas zones were not perforated at all. The older wells, if they were frac'd, had fracs of only 20,000 to 60,000 # of sand. Petrohawk is using a combination of limited entry perforating and pumping much larger frac jobs (300K#) to ensure that the entire Jalmat interval is stimulated. The designed fracture half length is approximately 300 feet. Careful engineering of the frac job can then assure all potential sands are effectively drained.



Approval of this application will result in the efficient recovery of hydrocarbons, prevent waste and will not violate correlative rights.

Exhibit 13 lists the parties affected by this application as defined by Rule 1210. **Exhibit 14** is a map displaying the offset operators around the spacing unit in Section 22. **Exhibit 15** is an affidavit confirming that notice of this application has been provided in accordance with the provisions of Rule 4(D) and Rule 1210(B) by providing a copy of this application, including all attachments, to the affected parties by certified mail-return receipt requested advising them that if they have an objection to this application it must be filed in writing with the Division's Santa Fe office within twenty (20) days after the filing of this application and proof of notice with the Division.

Exhibit 16 is OCD Form C-102 depicting the proposed surface location of the referenced well.

Also enclosed is a proposed administrative order of the Division.

Sincerely, cean Munds - By

Ocean Munds-Dry U Attorney for Petrohawk Operating Company

Enclosures

Attention: Ms. Nancy Gatti

Administrative Order -____

Dear Ms. Gatti:

Reference is made to your application dated June 20, 2006 for infill gas wells and simultaneous dedication for its proposed State "A" A/C 2 Well No. 91, 660 FSL and 660' FWL, State "A" A/C 2 Well No. 92, 660' FSL and 2180' FWL, and State "A" A/C 2 Well No. 49, 660' FNL and 1980' FWL, S8-T22S-R36E, Jalmat Gas Pool, Lea County, New Mexico.

The proposed wells will be simultaneously dedicated to an existing 600-acre gas spacing unit comprising Section 8 which is currently dedicated to the State "A" A/C 2 Well No. 3 (Unit G); the State "A" A/C 2 Well No. 24 (Unit I); State "A" A/C 2 Well No. 25 (Unit A); State "A" A/C 2 Well No. 26 (Unit B); State "A" A/C 2 Well No. 43 (Unit H); State "A" A/C 2 Well No. 54 (Unit O); State "A" A/C 2 Well No. 70 (Unit P); State "A" A/C 2 Well No. 76 (Unit E); the State "A" A/C 2 Well No. 94 (Unit L); and the State "A" A/C 2 Well No. 95 (Unit F).

This application has been duly filed under the provisions of the "Special Pool Rules for the Jalmat Gas Pool," as promulgated by Division Order No. R-8170-P, issued in Case No. 12563 on December 14, 2001.

By authority granted me under the provisions of Rules 4(A), (B), and (D) of the special rules governing the Jalmat Gas Pool, the following described wells within this 600-acre spacing unit is hereby approved:

The State "A" A/C 2 Well No. 91 to be drilled at a standard location 660 feet from the South line and 660 feet from the West line (Unit M);

The State "A" A/C 2 Well No. 92 to be drilled 660 feet from the South line and 2180 feet from the West line (Unit N); and

The State "A" A/C 2 Well No. 49 to be re-entered 660 feet from the North line and 1980 feet from the West line (Unit C).

Further, Petrohawk is hereby authorized to simultaneously dedicate Jalmat gas production from the above-described wells.

Sincerely,

Mark E. Fesmire, P.E. Director

cc: Oil Conservation Division - Hobbs/Artesia



Ocean Munds-Dry Associate omundsdry@hollandhart.com

June 21, 2006

<u>CERTIFIED MAIL</u> <u>RETURN RECEIPT REQUESTED</u>

Re: Application of Petrohawk Operating Co. for administrative approval of infill gas wells and simultaneous dedication of State "A" A/C 1 Well No. 1, 330' FSL and 2310' FWL, S22-T23S-R36E, Jalmat Gas Pool, Lea County, New Mexico.

Dear Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application which was filed with the New Mexico Oil Conservation Division on this date by Petrohawk Operating Company for administrative approval of an infill gas well and simultaneous dedication for its State "A" A/C 1 Well No. 1, 330 feet from the South line and 2310 feet from the West line, Section 22, Township 23 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico.

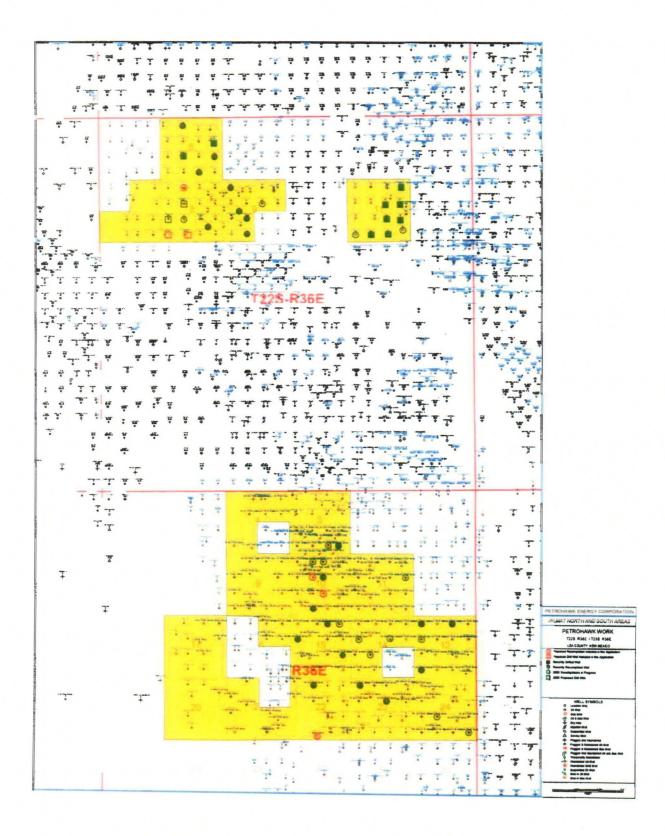
Petrohawk seeks to dedicate this well to an existing 280-acre gas non-standard spacing unit in Section 22 which is currently dedicated to the State "A" A/C 1 Well No. 94 (Unit C), State "A" A/C 1 Well No. 97 (Unit F), State "A" A/C 1 Well No. 19 (Unit E).

As an owner of an interest that may be affected by these proposed wells, you may object to this application. Objections must be filed in writing within twenty days from this date at the Division's Santa Fe office that is located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. If no objection is received within this twenty-day period, this application may be approved.

Ocean Munds-Dry Attorney for Petrohawk Operating Co.

Enclosures

Holland & Hart up



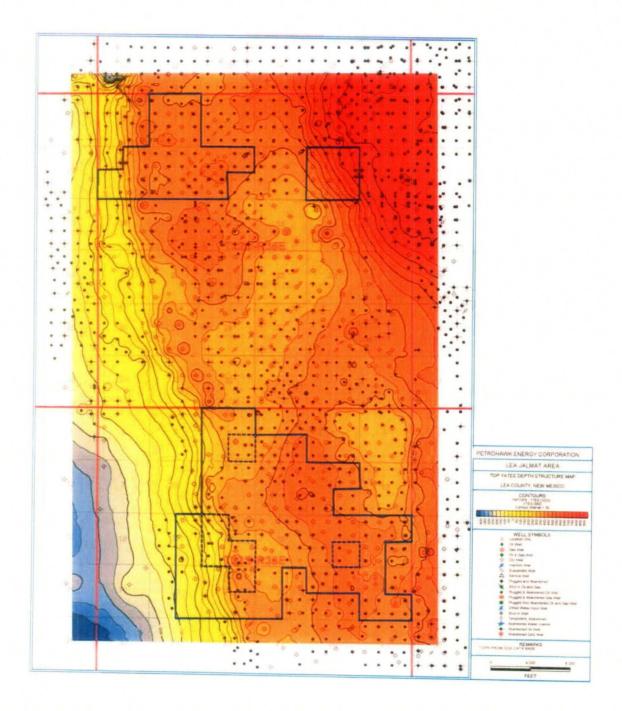
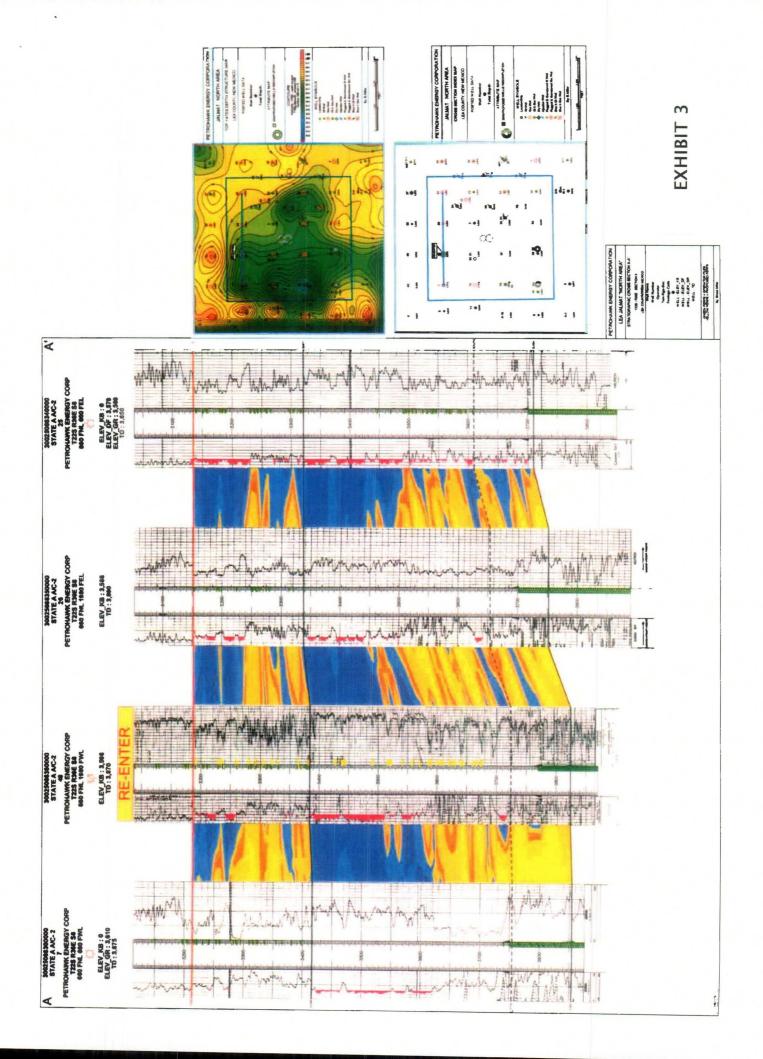
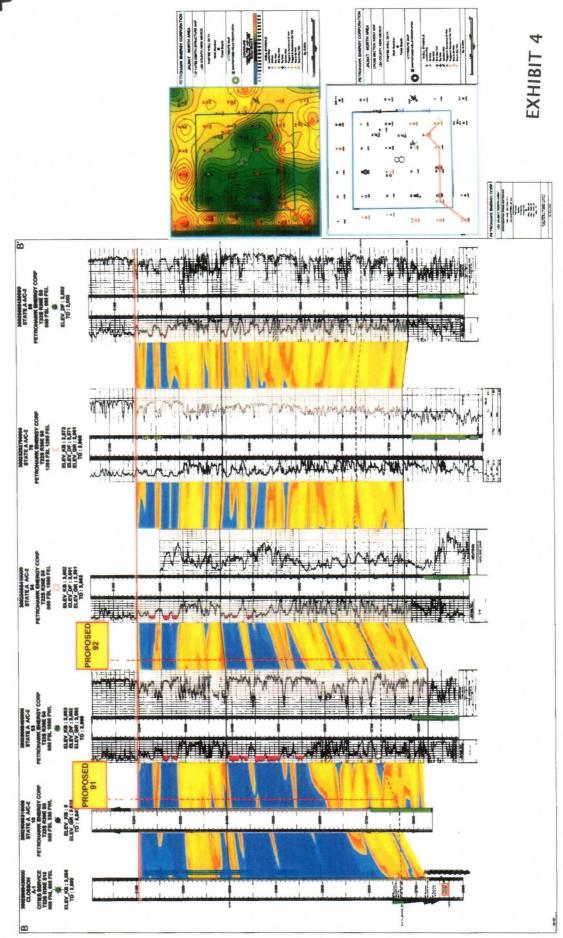
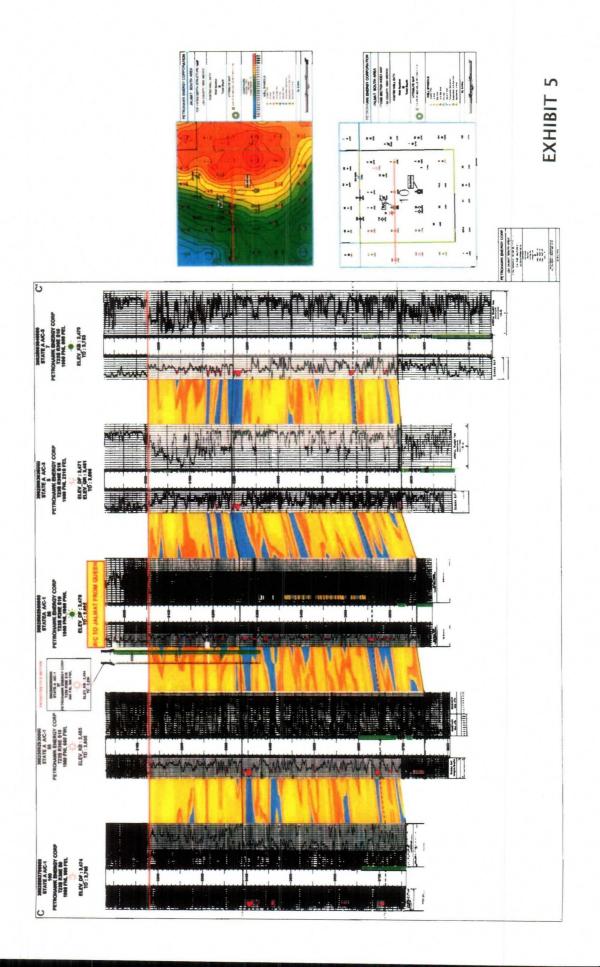


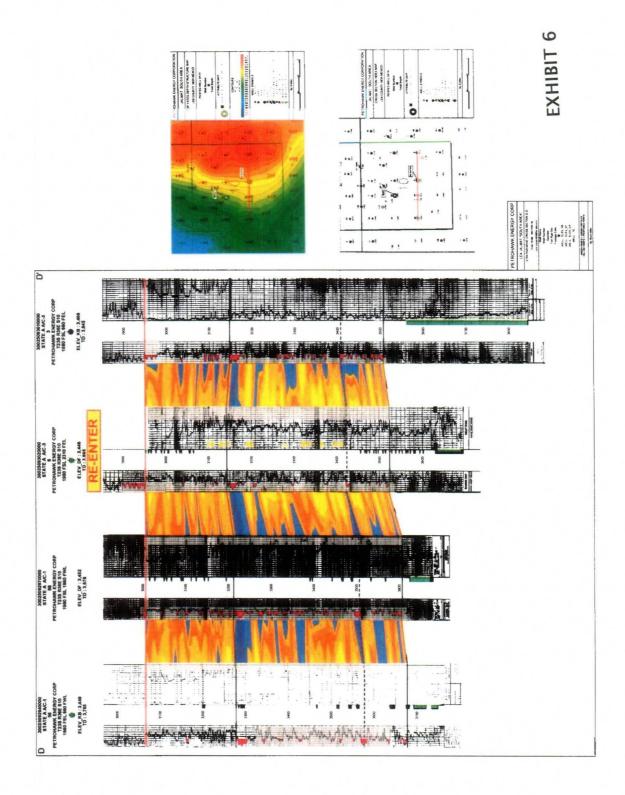
EXHIBIT 2

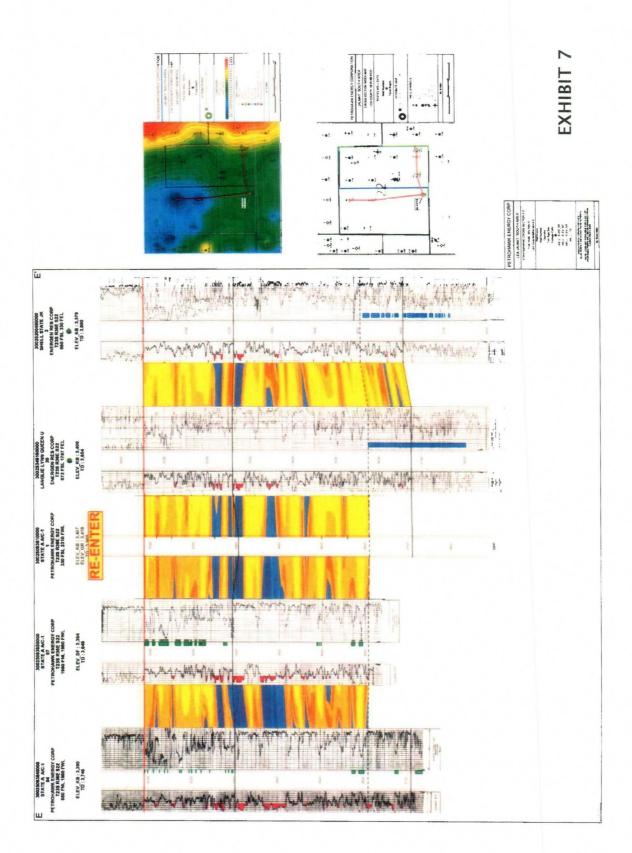






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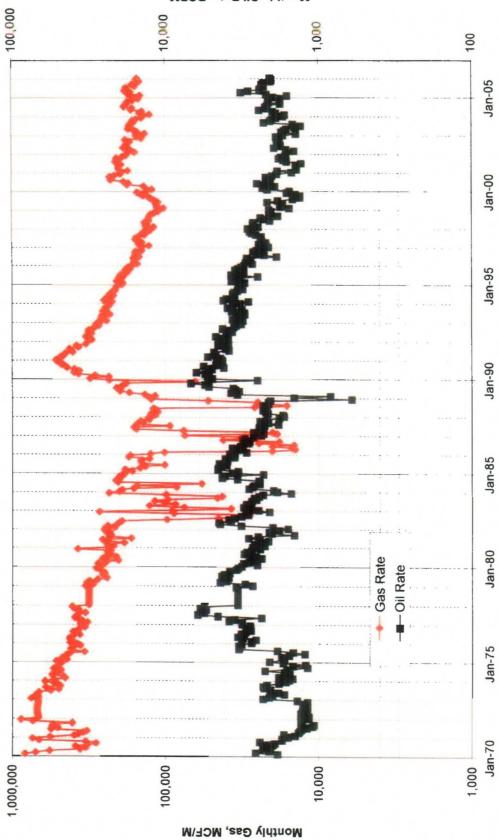




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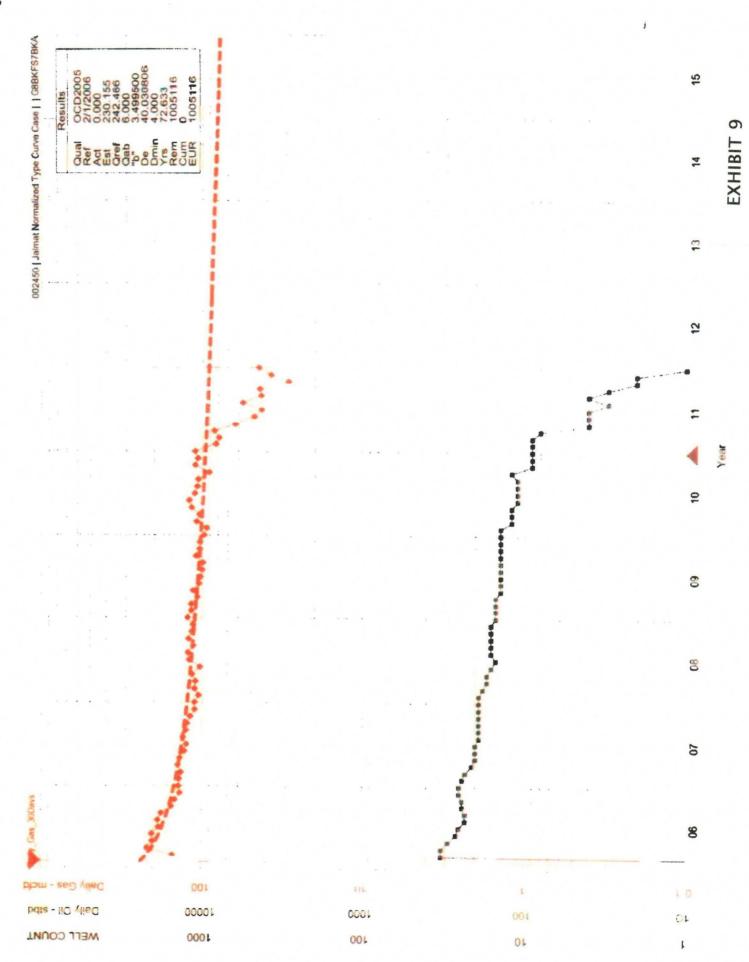
Petrohawk Leases Jalmat Field Lea County, New Mexico



Monthly Oil Rate, BOPM

EXHIBIT 8

0



149

Avg Initial Rate

Jalmat Field - New Compls since Mission / Petrohawk became operator in 3/2004

Wtr	stbd	2	0	2	9	0	0	1	0	0	35	36	0	-	0	9	0	0	0	85	4	0	0	0		0	frac	0	25	
Gas	(metd)	34	81	39	172	94	158	205	305	176	8	132	68	324	162	266	119	137	70	223	247	136	10	100	WO Compl	243	Cleaning up after frac	316	0	WO Compl
0II	(stbd)	0	0	0	0	0	0	0	0	0	0	+	0	-	0	1	0	28	0	0	2	0	0	0		0	Clea	0	0	
	Prod Zone Name	TANSILL-YATES-SEVEN RIVERS																												
	First Prod Date	2005/03	2005/03	2005/03	2005/02	2005/04	2005/03	2005/01	2005/01	2005/04	2005/03	2005/01	2005/03	2004/06	2005/05	2004/05	2004/07	2005/04	2005/03	2004/08	2004/04	2005/05	2005/05	2005/04	WO Compl	2006/04	2006/05	2006/04	2005/03	WO Compl
	Status	Producing	Shut In	Producing	WO Compl	Producing	WO Compl	Producing	Shut In	WO Compl																				
	Field Name	JALMAT																												
	Oil or Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Gas	Oil	Gas	Gas	Gas	Oil	Gas											
	Type	Add pay & Frac	New Drill	Add pay & Frac	New Drill																									
	API	30-025-10720	30-025-09344	30-025-10725	30-025-09394	30-025-09346	30-025-09229	30-025-09347	30-025-10723	30-025-09397	30-025-09298	30-025-09384	30-025-08849	30-025-08792	30-025-08854	30-025-08793	30-025-08847	30-025-08798	30-025-28276	30-025-28279	30-025-35868	30-025-36936	30-025-36910	30-025-36935	30-025-37563	30-025-37564	30-025-37565	30-025-37566	30-025-09303	30-025-37801
	Location	151 23S 36E	13B 23S 36E	15E 23S 36E	23D 23S 36E	13D 23S 36E	3P 23S 36E	13M 23S 36E	15B 23S 36E	23G 23S 36E	10N 23S 36E	22C 23S 36E	9N 22S 36E	51 22S 36E	9D 22S 36E	50 22S 36E	9K 22S 36E	5C 22S 36E	9K 22S 36E	8P 22S 36E	5K 22S 36E	11J 22S 36E	11N 22S 36E	110 22S 36E	11A 22S 36E	11G 22S 36E	11H 22S 36E	111 22S 36E	10G 23S 36E	5H 22S 36E
	Mell	2	57	59	65	66	69	71	82	84	89	94	-	28	29	33	38	47	67	20	81	82	83	84	85	86	87	88	5	5
	Lease Name	MATKINS	STATE A A C 1	STATE A A C 2	STATE A A C 3	STATE A A C 2	STATE A A C 3	STATE 157 G																						

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8/8ths Initial Rate

SECTION: 22		SPOT:N		SECTION: 22 SPOT:N T23S R36E		(1#1			
JALMAT FIELD, LEA CO, NM	, LEA CO,	MN							
						Y-7R	Y-7R		Y-7R
Well #	Sec/spot	Comp date	Zones	Pay interval	Treatment	Cum MMCF	Cur rate	Status	EUR
							MCFD		
40-acre offsets, Sec 22:	Sec 22:								
LLQU #1	22J	Sep-60	Queen	3628-3740	54K# SD	0	0	P&A 1/00	0
LLQU #23	22J	Jul-00	Queen	3574-3798	3500 gal acid	0	0	OIL	0
El Paso St #1	22J	Jun-79	Y-7R	3045-3538	Natural	1250	119	GAS	1467
AAC1 #1	22N	Aug-30	Y-7R	3115-3560	Natural	3182	0	P&A 6/93	3182
			Y-7R	To be re-entered		0	0		704
LLQU #10	220	Jun-63	Queen	3659-3739	45K# SD	0	0	P&A 7/86	0
LLQU #20	220	Apr-00	Queen	3577-3802	2500 gal acid	0	0	OIL	0
40-acre offsets, Sec 27:	Sec 27:								
Lynn A-2	27D	May-50	Y-7R	3024-3353	Natural	1950	0	P&A 7/87	1950

Jalmat - New Drill & Recomplete - Economics Summary Table

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Input:

		(from avg of Mission/Petrohawk activity)	(from normalized type curve)	(from normalized type curve)	(from plant statements)	(from plant statements)	(contract with plant)		(no oil in economics)	(71% of Oil)	(actuals from los statement)	CWC = 425 M\$ (Recomplete)	
WI = 100 % RI = 82.5%	Prod Start Date = Drill Date + 1 mth	Initial Rate \approx 149 mcfd + 0 bopd	di = 40%	n = 3.5	NGL Yield = 136 bbls/mmcf	1-Gas Shrinkage	Plant Takes = 13% of residue gas & ngls	Gas Price = \$6.00/mcf flat	Oil Price = \$60/stb flat	NGL Price = \$42.60/stb flat	OP Cost = \$1264/well/mth	CWC = 650 M\$ (New Drill) CWC = 425 M\$	

Results:

	New Drill	Recompl
8/8ths Reserves:	704 MMCFG	704 MMCFG
NPV @ 10%:	821 M\$	1039 M\$
ROR:	36%	65%
Payout:	40 mths	26 mths
ROI:	6.1	9.3

EXHIBIT 12

Administrative Application Petrohawk Operating Co. Page5

EXHIBIT 13

Affected Parties

State A A/C 1 Well No. 1 Section 22, Township 23 South, Range 36 East, NMPM Lea County, New Mexico.

ConocoPhillips Post Office Box 2197 Houston, TX 77079

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Plantation Operating LLC 2203 Timberwolf Suite 229 The Woodlands, TX 77380

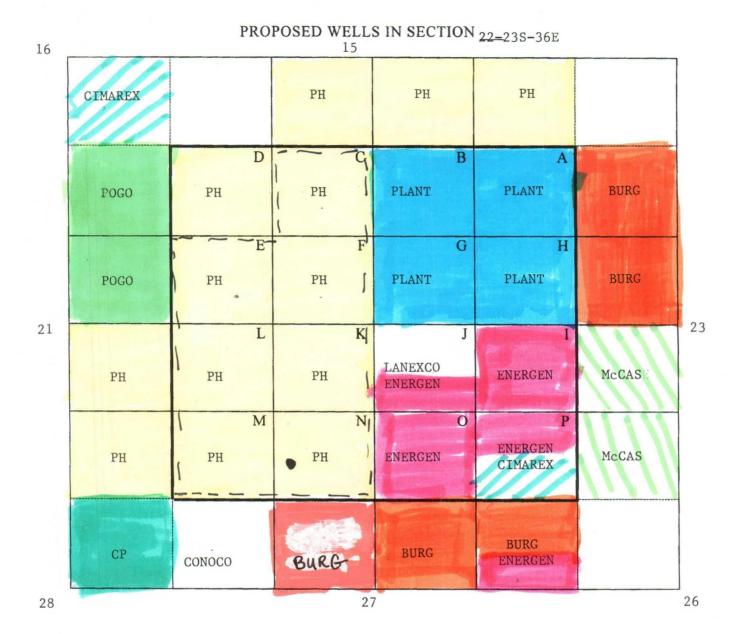
Cimarex Energy Co. Post Office Box 140907 (75014-0907) 600 East Las Colinas Boulevard Suite 1200 Irving, TX 75039

Lanexco Inc. 1105 W. Kansas Jal, New Mexico 88252

Burgundy Oil & Gas of NM Inc. 401 W. Texas Suite 1003 Midland, TX 79701-4413

Pogo Producing (San Juan) Co. P.O. Box 10340 Midland, TX 79702

Energen Resources Corp. 2198 Bloomfield Hwy Farmington, New Mexico 87401



PH = Petrohawk Plant = Plantation Burg = Burgundy Oil McCas = McCasland CP = ConocoPhillips

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BEFORE THE OIL CONSERVATION DIVISION NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

IN THE MATTER OF THE APPLICATION OF PETROHAWK OPERATING COMPANY FOR ADMINISTRATIVE APPROVAL OF AN INFILL GAS WELL AND SIMULTANEOUS DEDICATION OF STATE "A" A/C 1 WELL NO. 1, 330' FSL AND 2310' FWL, S22-T23S-R36E, JALMAT GAS POOL, LEA COUNTY, NEW MEXICO.

AFFIDAVIT

STATE OF NEW MEXICO)) ss.) ss.COUNTY OF SANTA FE)

William F. Carr, attorney in fact and authorized representative of Petrohawk Operating Company, the Applicant herein, being first duly sworn, upon oath, states that notice of the above-referenced Application was mailed to the addresses shown on Exhibit

"13" attached hereto.

/illiam F. Carr

SUBSCRIBED AND SWORN to before me this $\frac{2006}{1000}$ by William F. Carr.

3/28/0

Notary Publ

My Commission Expires:

3462469_1.DOC

1625-N: French Dr. DISTRICT II 1301 W. Grand Aver DISTRICT III 1000 Rio Brazos Rd	aue, Artesia,	NM 88210	Εī	OIL CO 1220 S	ONSERVA	t. F	sources Department N DIVISION rances Dr. 87505	Submit	Revised Octobe to Appropriate Dis State Lease Fee Lease	trict Office - 4 Copies
DISTRICT IV 1220 S. St. Francis	Dr., Santa F	°e, NM 87505							□ AMENDED	REPORT
		WE	ELL LOC	ATION .	AND AC	REA(GE DEDICATIO	N PLAT		
API 30-025	Number			Pool Code				Pool Name		
Property			7924()	Proper		MAT; TANSIL	L-YATES-7	RIVERS (G) Well Num	
33493					STATE	-			00	1
OGRID N	0.				Operate				Elevatio	n.
148381				PETROF			TING COMPAN	NY	3413	
	·····			1	Surface			7		
UL or lot No.	Section 22	Township 23 S	Range 36 E	Lot Idn	Feet from 330		North/South line SOUTH	Feet from the 2310	East/West line WEST	County LEA
N	22	23 3			<u>.</u>				WLUI	
		1	r				rent From Sur			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County
SAME Dedicated Acres	Joint or	r Infill Co	nsolidation	Code Or	der No.					
640 INE										
NO ALLOWA	PIF WIII	BE ASSIC	NED TO	THIS CO	MPIETION	UNT	IL ALL INTERES	TS HAVE BEEN	CONSOLIDATE	DORA
	83	÷		30-06 660'EN Eurrent State 30-0	* A/C-1 = 4 5-09384 *-1980'=2 *5-1: *5-1: *7 P/C-1 725-09385 NYW1 * States:			I hereby certify the the in the best of my knowledge of working interest or unlesses bestion had back backing on has a contract with an owner voluntary pooling agreement the division. Signature NANCY Printed Name REGULA SURVEYO I hereby certify on this plat wa actual surveys supervison and	OR CERTIFICA' formation contained heren is true and belief, and that this to repartical a right is drill this well at this lo of such a mineral or working or a computery preling order her Date K. GATTI CATORY MANA OR CERTIFICAT that the well location is plotted from field made by me or it that the same is best of my belief.	e and complete to ion either owns e ading the proposed cathon pursuant to interest, or to a elofore entered by USOU GER CION on shown notes of under my true and
	- 2310'		23.0 O	3	ati "A" 1 0-025-C 30 1F32-2 t f ed : 6-	9381	,		HIBIT 16	Surveyor

DISTRICT I

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State of New Mexico

Form C-102 Revised_October_12, 2005_