06/20/2014

DHC

PEH1417 158341

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] 46 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] PHC-Pool-Pool-Pool-Pool-Pool-Pool-Pool-Poo
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[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] [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD
Check One Only for [B] or [C] [B] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM Black CTB CTB CTB PLC PC OLS OLM CTB CTB
[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR
[D] Other: Specify
NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [A] Working, Royalty or Overriding Royalty Interest Owners
[B] Offset Operators, Leaseholders or Surface Owner
[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,
[F] Waivers are Attached
3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.
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.
James Micikas Production Engineer June 12, 2014
Signature by April Politic Date
JDMI@chevron.com e-mail Address

District 1 1625 N. French Drive, Hobbs, NM 88240

District II

District III 1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 Form C-107A Revised August 1, 2011

APPLICATION TYPE

Single Well

Establish Pre-Approved Pools

District IV EXISTING WELLBORE APPLICATION FOR DOWNHOLE COMMINGLING __X__ Yes ____No 1220 S. St. Francis Dr., Santa Fe, NM 87505 Four Star Oil & Gas Company_ _332 Road 3100 Aztec, NM 87410_ Operator Address Blanco O, 01, 27N, 09W _San Juan County_ 1A Lease Well No. Unit Letter-Section-Township-Range County OGRID No. __31994 Property Code __17659 ___ API No. __30-045-30204 ___ Lease Type: _X __Federal __ State **DATA ELEMENT UPPER ZONE** INTERMEDIATE ZONE LOWER ZONE Basin Fruitland Otero-Chacra Blanco Mesaverde Pool Name 71629 72319 82329 Pool Code 1915'-1990' 2972'-3144' 3916'-4480' Top and Bottom of Pay Section (Perforated or Open-Hole Interval) Artificial lift Artificial lift Artificial lift Method of Production (Flowing or Artificial Lift) **Bottomhole Pressure** NA ΝA (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone) Oil Gravity or Gas BTU (Degree API or Gas BTU) Producing, Shut-In or New Zone Producing DHC 2729 Producing DHC 2729 New Zone Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, Date: Date: 10-2013 Date: 11-2013 applicant shall be required to attach production estimates and supporting data.) Rates: 0 BOPD 37mcdf Rates: .16 BOPD 57 mcdf Rates: 0.05 BOPD 22 mcdf Fixed Allocation Percentage Oil Oil Gas Oil Gas Gas than current or past production, supporting data or 0 % 76 49 19 32 % % 24 % % explanation will be required.) **ADDITIONAL DATA** Are all working, royalty and overriding royalty interests identical in all commingled zones? No _X_ _X_ No____ If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Are all produced fluids from all commingled zones compatible with each other? $X No_$ Will commingling decrease the value of production? ____ No__X If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes__X_No__ NMOCD Reference Case No. applicable to this well: ____DHC 4130 dated 12/06/2008 for the Blanco 2A Attachments: C-102 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling. **PRE-APPROVED POOLS** If application is to establish Pre-Approved Pools, the following additional information will be required: List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATUREDATEJune 12, 2014
TYPE OR PRINT NAME_James MicikasTELEPHONE NO. (_505_)_333-1913
E-MAIL ADDRESS JDMI@chevron.com

Form 3160-5 (August 2007)

UNITED STATES

FORM APPROVED

	EPARTMENT OF THE I		OMB NO. 1004-0135 Expires: July 31, 2010 5. Lease Serial No.							
SUNDRY	BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS									
Do not use th abandoned we	is form for proposals to II. Use form 3160-3 (AP	drill or to re- D) for such p	enter an roposals.		6. If Indian, Allottee (EASTERN NA\					
SUBMIT IN TRI	PLICATE - Other instruc	ctions on rev	erse side.	· · · · · · · · · · · · · · · · · · ·	7. If Unit or CA/Agre	ement, Name and/or No.				
Type of Well Oil Well	her				8. Well Name and No BLANCO 1A					
Name of Operator FOUR STAR OIL GAS COMP	Contact: PANY E-Mail: APRIL.PO	APRIL E POH HL@CHEVRON		,	9. API Well No. 30-045-30204-0	00-C1				
3a. Address 11111 WILCREST HOUSTON, TX 77099		3b. Phone No. Ph: 505-33 Fx: 505-334	(include area code 3-1941 -7134	e)	10. Field and Pool, or BLANCO MESA OTERO CHAC	AVÈRDE *				
4. Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)			11. County or Parish,	and State				
Sec 1 T27N R9W SWSE 700	FSL 1900FEL				SAN JUAN CO	UNTY, NM				
12. CHECK APP	ROPRIATE BOX(ES) TO) INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA				
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION									
Notice of Intent ■	☐ Acidize	☐ Deep	en	☐ Product	on (Start/Resume)	■ Water Shut-Off				
_	☐ Alter Casing	☐ Fracture Treat ☐ Reclar		☐ Reclama	ntion	☐ Well Integrity				
☐ Subsequent Report	☐ Casing Repair	□ New	Construction	☐ Recomp	lete	Other				
☐ Final Abandonment Notice ☐ Change Plans		🗖 Plug	and Abandon	□ Tempor	arily Abandon	Subsurface Commingli				
	☐ Convert to Injection	Plug	Back	☐ Water D	isposal	C				
Attach the Bond under which the wo following completion of the involve testing has been completed. Final A determined that the site is ready for a following state of the stat	d operations. If the operation rebandonment Notices shall be filfinal inspection.) MPANY REPSPECTFULL HATHE BASIN FRUITLANTS FOR WELLBORE DIAMAR OIL & GAS HAS SEN L BE FILING ANOTHER Sedure: d scrapper to PBTD 4603	sults in a multipled only after all red only after	e completion or recequirements, inclusions of the SAPPROVAL RRENTLY THE NOTIFIED SUF	ompletion in a r ding reclamation TO DOWNHO E WELL IS PR RROUNDING D FOR A DO	new interval, a Form 316 It, have been completed, DLE COMMINGLE RODUCING UNDER OPERATORS AND WNHOLE COMMIN	50-4 shall be filed once and the operator has THE OTERO-CHACRA, R DHC 2729. D RECEIVED NO				
, , , , , , , , , , , , , , , , , , ,	# Electronic Submission For FOUR STAR Committed to AFMSS for pro-	OIL GAS COM	PANY, sent to t DE HEWITT on 0	he Farmingto 6/17/2014 (14.	n JRH0011SE)					
Name (Printed/Typed) JAMES N	IICIKAS		Title PROD	UCTION EN	JINEEK					
Signature (Electronic	Submission)		Date 06/16/2	2014						
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE					
_Approved_By_JQSEPH R_HEWIT			TitleGEOLOG	IST		Date 06/17/2014				
Conditions of approval, if any, are attached certify that the applicant holds legal or equal to the certify that the applicant holds legal or equal to the certification of the c	ed. Approval of this notice does uitable title to those rights in the	not warrant or e subject lease								
which would entitle the applicant to cond		•	Office Farmin	gton						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Additional data for EC transaction #249810 that would not fit on the form

32. Additional remarks, continued

Load casing with water and test to 500 psi Run Gr-CCL log, perforate Fruitland coal 1986?-2004?, 2011?-2021? and 2032?-2052? Frac Fruitland Coal Drill out plug at 3000? proceed to cleanout to PBTD 4403? Reinstall plunger lift equipment for downhole commingled Mesaverde and Fruitland intervals Return well to production

PLEASE SEE ATTACHED INFORMATION

District. J 1625 N French Dr., Hobbs, NM 88240 Phone: (375) 393-6161 Fax (375) 393-0720 District. II 311 S. Frat St., Artenia, NM 88210 Phone: (575) 748-1283 Fax. (575) 748-9720 District III 1000 Rio Brunos Rond, Azlec, NM 87410 Phone: (505) 234-6178 Fax. (505) 334-6170 District IV 1220 S St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

	WELL LOCATION AND ACREAGE DEDICATION PLAT										
¹ API Number ² Pool Code ³ Pool Name											
_	30.045.30204						2 3 - 3		• •		
		5020	+1				asin	Feuille	NCI		
Property (_ 1		D.I		° Pro	perty Name			i i	• 1	Vell Number
1765	q		151,	A-NCG							IA
OGRID!	No.,				³ Ope	rator Name					Elevation
13199	74		FOR	S	ar O	:\ &	Gas			58	93' GR
					* Surfa	ce Loca	tion				
UL or lot no.	Section	Township	Range	Lot lo	n Feet fro	m the N	orth/South line	Feet from the	East/\	Vest line	County
\circ	1	27N	9W		705		Soch	19001	East	.	Sandan
			" Bo	ttom H	ole Locatio			n Surface			
UL or lot no.	Section	Township	Range	Lot lo	in Feet fro	m the	forth/South line	Feet from the	East/	Vest line	County
12 Dedicated Acres	Joint o	r infili	onsolidation	Code 15	Order No.						
319.70											}

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.

16		39.79 Ac	39.93 ocns	to the best of my knowledge and belief, and that this organization either owns a warking interest or unleased mineral interest in the land including the proposed bottom hale location or has a right to drill this well at this location personnt to a contract with an owner of such a mineral or working interest, or to a valuntary pooling agreement or a computary pooling order hereinforce entered by the division.
				Signature by Sprite Portland James Micikas Printed Name JAMIE Chevron com Bernill Address
				"SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Dute of Survey
	· · · · · · · · · · · · · · · · · · ·	0	(900'	Signature and Seal of Professional Surveyor: Certificate Number

District. I
1625 N. Franch Dr., Hobbs, NM 88240
Phone. (575) 393-6161 Fax (575) 393-0720
District. II
811 S. Forst St., Arvesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District. III
1000 Rio Brazos Road, Azter, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District. IV

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

1220 S St Francis Dr., Phone (505) 476-3460								
1			CATION AND	ACR	EAGE DEDIC			
	API Number 045-302	- 1	² Pool Code		RIAN	Pool Na	SAyend	e
Property (59		Blanco	roperty N	lame		6	Well Number
OGRID!	994			perator i	l & Gas	C_{r}		'Elevation 5893'SP
131	779	OOK	" Sur	face I	ocation			2842 28
UL or lot no.	Section Township	Range	Let Idn Feet f	rom the	North/South line	Feet from the	East/West line	
\cup	1 27N	19W	700		South	1900'	EAST	SanJuga
UL or lot no.	Sand-al Tarrabia		om Hole Locat		Different From		E-ARM and the	
OL OF RICER.	Section Township	Range	Lot Idn Feet (from the	MALTIN SORTIN HOS	Feet from the	East/West time	County
12 Dedicated Acres		Consolidation Co	ode 15 Order No.					
319.70	<u>' </u>		L	*******				
No allowable v	will be assigned to	this completion	on until all interests	s have i	been consolidated	or a non-standa	rd unit has been a	approved by the
K			39.77A	c	39.93 A	_	PERATOR CER	
				_	57, 15 1	110,10,000	-	ned herein is true and complete I that this organization either
								of interest in the land including
								rright to drill this well at this ner of such a numeral or working
	}						o valuntary pooling agreeme	-
						order heretofd	re entered by the division.	
						James	Micikas by Spri	6/16/14
						The same	by Spri	8 PORT
						Privated Name	S MICIRAS	
	1					IMAL	echevron	്ത
						E-mail Addre		
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					EYOR CERT	
	ŀ		•			1 '	ertify that the well loo lotted from field note	
							se or under my super	
						same is tru	e and correct to the	best of my belief.
						l		
						Date of Surv	•	
						Signature an	d Seal of Professional Se	irveyar:
			1					
					1900'-			
			סד	0'	7,100	Certificate N	mapes.	

1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88216 <u>District III</u> 1000 Rio Bruxes Rd., Axtec, NM 87410 District IV

1220 S. St. Francis Dr., Santa Fc, NM 67505

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copics
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 1 Pool Code s 30-045-30204 82329 Otero Chacra Property Cade Property Name Well Number 17659 Blanco 1A OGRID No. ¹ Operator Name Elevation Four Star Oil & Gas Company 5,8931 GR 131994 10 Surface Location UL or let no. Section Township Respe Lot Ida Feet from the North/South line Feet from the Eart/West line County 9-W 700 0 1 27-N South 1900 East San Juan 11 Bottom Hole Location If Different From Surface UL or let no. Section Lot ldn Feet from the North/South line Feet from the East/West line County Township Range 15 Order No. 12 Dedicated Acres Joint or laft! Conselidation Code 160 (Se/4)-CH

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 OPERATOR CERTIFICATION I hereby certify that the information contained herein d complete to the best of my knowledge and Jennifer Hudgens Regulatory Technician jhio@chevron.com Tale and E-mail Address 11/27/2007 18SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief Date of Survey Sugnature and Seal of Professional Surveyor 1900, Certificate Number

C-107A Downhole Commingle Application, Dated 06/11/2014

Blanco 1A API 30-045-30204 700 FSL & 1900 FEL Unit Letter O, S 1, T 27N, R9W San Juan County, New Mexico

In support of this proposed Downhole Commingling request, Four Star Oil & Gas submits the following:

- a. The three pools to be commingled are the Blanco Mesaverde (72319) with perforations from 3916′-4480′, Otero Chacra (82329) with perforation from 2972-3144′ and the Basin Fruitland (71629) with perforations between 1915′-1990′.
- b. We have not experienced any significant cross flows between these intervals and all fluids produced from these intervals are compatible.
- c. Downhole Commingling will not reduce the value of the total remaining production and will enhance the economic life of the well by eliminating redundant surface and downhole equipment if completed and maximizing its productivity and total recoveries.
- d. Ownership percentages in the Otero Chacra and Blanco Mesaverde are identical. Four Star owns 100% of the Basin Fruitland pool in this well.
- e. Concurrent DHC Application is being sent on Form 107A to the NMOCD, Santa Fe Office.
- f. Our proposed production allocation percentages are currently based on historical production from the Blanco Mesaverde and Otero Chacra zones. The Basin Fruitland productivity was determined by the average of three (3) direct offsets that had similar net Fruitland Coal pay. The average of the three (3) well is 37 mcfd. Please see attached. If these initially proposed allocations do not coincide with actual production results from completion, they will be presented again later using the Subtraction Method.

Otero Chacra	76% oil	49% gas	30% water
Blanco Mesaverde	24% oil	19% gas	31% water
Basin Fruitland	0% oil	37% gas	39% water

Blanco 1A

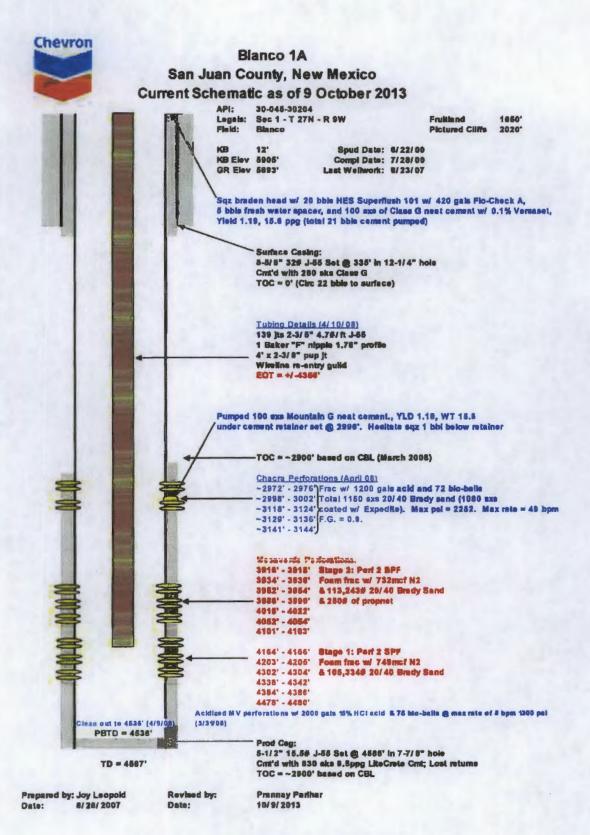
Procedure

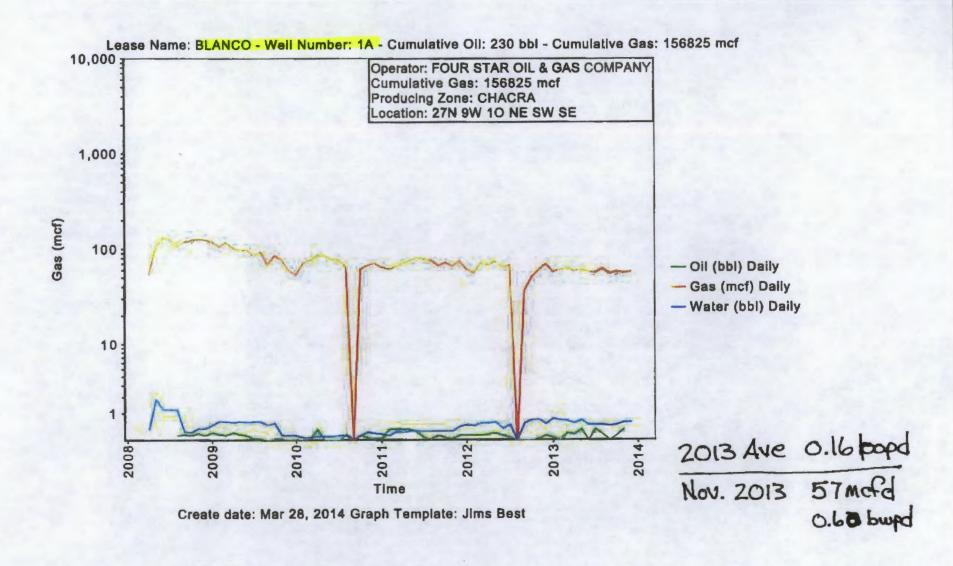
- Comply w/ all BLM and Chevron HES Regulations.
- While rigging up rig. MIRU BOP testers and test BOP to 250#/2250# on stump. RDMO of testers
- 3. N/D wellhead. N/U spool and 2-3" lines to flowback tank. Blow down well as required.
- 4. N/U Class 3 BOP stack with annular.
- Pull 139 joints of 2-3/8", 4.7#, J-55 tubing and BHA
- Run 4-3/4" bit and 5.5" 15.5# casing scraper on 2-3/8" workstring tubing. RIH to PBTD ~ 4538'.
- 7. R/U wireline set CBP @ 2850'. Load hole with water and test CBP and casing to 3000#.
- 8. RIH with squeeze guns, perforate 4 holes at 2070'.
- 9. Set 5-1/2", 15.5# cement retainer and set at ~ 2030'.
- 10. Attempt to establish injection rate. Pump enough cement to cover 5-1/2" casing from 2100' 1500' using 50% OH excess.
- 11. MIRU wireline unit. Install lubricator and test to 1000#. Run CBL/CCL/GR from 2030' to surface. RDMO wireline

If cement bond is not above ~1600', a subsequent squeeze may be required (NMOCD to be consulted).

- Perf 4 squeeze holes at TOC,
- ii. run retainer to +/- 100' of perfs
- iii. Squeeze.
- iv. Drill out cement retainer
- v. Continue with FC perforating in next step
- 12. Correlate to Platform Express that was run 2008. Perforate Basal Fruitland Coal 4 SPF, 90 degree phasing as follows: 1915-1930, 1940-1955 and 1970-1990. 50' and 200 holes. R/D wireline.

- 13. If subsequent cement squeeze was performed then P/U and RIH with Halliburton frac liner for 5-1/2", 15.5# casing on 2-3/8" workstring. Set liner to isolate subsequent squeeze perfs.
- 14. R/U frac crew. Frac Basal Fruitland Coal via casing as per the service company recommendation.
- 15. Recover frac liner as required.
- 16. Rig up air unit drill and cleanout well to PBTD = 4538'
- 17. P/U and RIH with 2-3/8", 4.7#
- 18. Band ~400' of 1/4" capstring to outside of tubing.
- 19. N/D BOP and N/U wellhead.
- 20. RDMO workover rig and equipment, and clean location, return well to plunger lift operation.

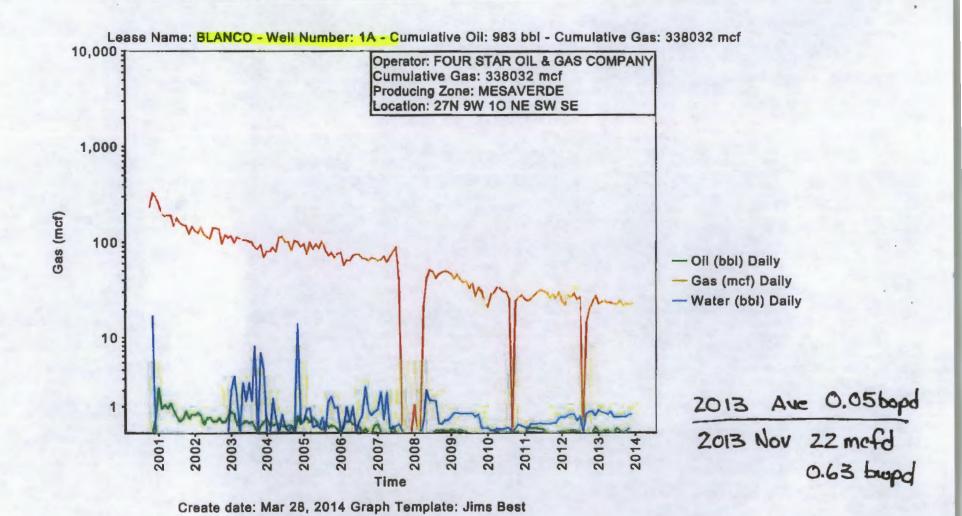






Year	Month	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
2012	JUN	4	1,944	11	2.062613	73.33	1	30
2012	JUL	2	2,071	15	0.970717	88.24	1	31
2012	AUG	0	0	0				0
2012	SEP	0	1,106	17			1	30
2012	OCT	0	1,527	21			1	31
2012	NOV	1	1,837	22	0.549366	95.65	1	30
2012	DEC	4	2,116	16	1.895359	80.00	1	31
Totals 2012								
		34	20,636	183				
2013	JAN	2	1,748	23	1.149165	92.00	1	31
2013	FEB	0	1,835	21			1	28
2013	MAR	6	1,879	20	3.198188	76.92	1	31
2013	APR	5	1,789	17	2.799857	77.27	1	30
2013	MAY	10	1,819	21	5.502526	67.74	ł	31
2013	JUN	0	1,747	15			ı	30
2013	JUL	10	1,729	15	5.78869	60.00	1	31
2013	AUG	5	1,894	15	2.644916	75.00	1	31
2013	SEP	0	1,680	14			1	30
2013	OCT	4	1,773	15	2.261063	78.95	1	31
2013	NOV	10	1,706	18	5.866665	64,29	1	30
2013	DEC		1,765	18			1	31
Totals 2013		W 1100 1100 1100 1100 1100 1100 1100 11						
		52	21,364	212				

Gas Tests





·2300430453020472319

County, State: SAN JUAN, NEW MEXICO Lease: BLANCO Well Number: 1A

Operator: FOUR STAR O&G COMP (072673)

Status: ACTIVE

Prod ID: 2300430453020472319 Production Thru Date: Dec 31, 2013

Header Block

Data Source:

Lease Name:

BLANCO

Operator:

FOUR STAR OIL & GAS COMPANY

State: County: **NEW MEXICO** SAN JUAN

Primary API:

30045302040000

Regulatory:

First Production Date: Oct 01, 2000

Fleld:

BLANCO

Reservoir Name:

MESAVERDE

Prod Zone:

MESAVERDE

Basin Name:

SAN JUAN BASIN (580)

Play Name:

DAKOTA/MESA VERDE - SAN JUAN BASIN

Gas Gatherer:

Liquid Gatherer:

Location:

10 27N 9W NE SW SE +36_59885 -107.73681

Latitude/Longitude Cum Data Source:

ΡI

Cum Oll: Cum Gas: 983 BBL

Cum Water:

3,693 BBL

338,032 MCF

Completion Date:

Total Depth:

Upper Perforation: Lower Perforation:

Oll Gravity:

Gas Gravity:

Last Production Date:

Temp Gradient:

N Factor:

Prod Zone Code:

GOR:

Play Type:

Primary Product:

Data Source:

Lat/Long Source:

ACTIVE TS

GAS

Jul 29, 2000

4,585 FT

3,916 FT

4,480 FT

Dec 31, 2013

604MVRD

SHALE GAS (G)

Cum Inj Liq: Cum Inj Gas:

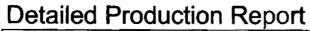
Cum Inj Water:

Annual Production

Data Source:	PI			
(13 years)		Oil BBLS	Gas MCF	Water BBLS
Beginning Cum:				
2000		16	26,004	510
2001		317	62,909	
2002		173	45,158	
2003		122	36,125	1,000
2004		95	34,516	522
2005		103	31,046	245
2006		63	24,936	240
2007		15	16,316	175
2008		9	12,106	234
2009		11	13,148	201
2010		6	9,363	43
2011		23	10,069	98
2012		14	8,025	197
2013		16	8,311	228
TOTALS				
		983	338,032	3,693



Monthly Data Source:	Production							
	59 of 159 months)							
Year	Month	Oil BBLS	Gas MCF	Water BBLS	Cond YId STB/MMCF	% Water	# of Wells	Days On
2000	OCT	0	7,139	0			1	31
2000	NOV	1	9,887	510	0.106143	99.80	1	30
2000	DEC	15	8,978		1.675751		1	31
Totals 2000								
		16	26,004	510				
2001	JAN	67	7,458		8.988642		1	31
2001	FEB	27	6,016		4.493032		1	28
2001	MAR	34	5,682		5.988809		1	31
2001	APR	28	5,817		4.818478		1	30
2001	MAY	36	5,807		6.204414		1	31
2001	JUN	2.5	4,533		5.520111		ı	30
200 i	JUL	17	5,478		3.108322		1	31
2001	AUG	11	4,854		2.271172		1	31
2001	SEP	14	4,588		3.056439		l	30
2001	oct	24	4,530		5.303013		1	31
2001	NOV	14	3,722		3.766419		1	30
2001	DEC	20	4,424		4.525796		I	31
Fotais 2001				yay ang mga dan salir ki				
		317	62,909					
2002	JAN	19	3,990		4.766905		1	31
2002	FEB	22	3,779		5.82 664 6		1	28
2002	MAR	18	4,335		4.157249		1	31
2002	APR	8	3,672		2.183649		1	30
2002	MAY	15	3,459		4.341513		1	31
2002	אענ	16	3,300		4.853485		1	30
2002	JUL	11	4,275		2_578099		l .	31
2002	AUG	11	4,250		2.593235		1	31
2002	SEP	15	4,142		3.626439		l •	30
2002	OCT	10	2,942		3.404048		1	31
2002	NOV	11	3,615		3.047877		1	30
2002	DEC	17	3,399		5.006471		1	31
Totals 2002			45.450					
	****	173	45,158	76	((1400)	72.20	1	31
2003	JAN	23	3,532	60	6.516891	72.29 93 33	1	31 28
2003	FEB	20	3,013	100	6.642902	83.33	1	28 31
2003	MAR	7	3,408	40 0	2.058991 2.40596	85.11	1	30
2003	APR	8	3,332 3,228	80	2.40396 2.793104	89.89	1	31
2003	MAY JUN	9 12	3,228 3,183	40	3.775028	76.92	, t	30
2003 2003	NL	9	3,183 3,121	80	2.888691	89.89	1	31
2003 2003	AUG	11	3,060	40	3.599771	78.43	1	31
2003 2003	SEP	5	2, 693	240	1.861665	97.96	1	30
2003 2003	OCT	0	2,594	0			1	31
2003 2003	NOV	7	2,838	200	2.471526	96.62	1	30
2003 2003	DEC	11	2,123	120	5.186347	91.60	1	31
2003 Totals 2003	DIA			123	21.00011		•	٠.
LVUUS AUUJ		122	36,125	1,000				
2004	JAN	14	2,435	0	5.754487		1	31
2004 2004	JAN FEB	6	2,448	0	2.45598		1	29



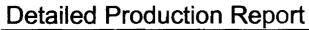


Year	Month	Oil BBLS	Gas MCF	Water BBLS	Cond YId STB/MMCF	% Water	# of W ells	Days On
2004	MAR	7	2,670	44	2.626723	86.27	1	31
2004	APR	9	2,440	13	3.693525	59.09	1	30
004	MAY	8	3,425	0	2.340766		1	31
004	JUN	7	3,477	19	2.01823	73.08	1	30
004	JUL	5	3,067	5	1.635258	50.00	1	31
004	AUG	7	3,078	1	2.279204	12.50	1	31
004	SEP	7	2,494	6	2.811736	46.15	1	30
004	OCT	0	3,156	3			J	31
004	NOV	17	3,086	422	5.513749	96.13	1	30
004	DEC	8	2,740	9	2.924708	52.94	į	31
otels 2004								
		95	34,516	522				
005	JAN	12	2,915	11	4.121638	47.83	1	31
005	FEB	15	2,281	27	6.581063	64.29	1	28
005	MAR	10	3,029	28	3.30642	73.68	1	31
005	APR	15	2,582	5	5.81445	25.00	1	30
005	MAY	12	2,903	7	4.138655	36.84	1	31
005	JUN	5	2,616	5	1.916315	50.00	I	30
005	JUL	3	3,186	15	0.94662	83.33	1	31
005	AUG	10	2,529	0	3.959132		1	31
005	SEP	5	2,220	40	2.257252	88.89	1	30
005	OCT	7	2,350	48	2.983723	87.27	1	31
005	мол	6	2,105	29	2.855356	82.86	1	30
005	DEC	3	2,330	30	1.292554	90.91	1	31
otals 2005		Experience of the second		are the second desired the second second				
		103	31,046	245				
006	JAN	0	2,349	0			ı	31
006	FEB	9	1,748	5	5.153741	35.71	1	28
006	MAR	11	1,973	30	5.580266	73.17	i	31
006	APR	11	1,954	11	5.634478	50.00	1	30
006	MAY	8	2,199	30	3.643017	78.95	1	31
006	JUN	7	2,271	0	3.087343		1	30
006	JUL	6	2,261	11	2.658693	64.71	1	31
006	AUG	0	2,068	18			1	31
006	SEP	4	2,042	69	1.963864	94.52	1	30
006	OCL	0	1,944	25			1	31
006	NOV	0	2,085	18			1	30
006	DEC	7	2,042	23	3.433012	76.67	1	31
otals 2006								
		63	24,936	240			_	
007	JAN	8	1,944	26	4.120226	76.47	1	31
007	FEB	0	1,992	57			l •	28
007	MAR	0	2,155	13			1	31
007	APR	0	1,887	56			1	30
007	MAY	0	2,118	4	2 616611	45.00	l ,	31
907	JUN	6	2,389	4	2.516511	40.00	1	30
007	JUL	1	2,666	6	0.380094	85.71	1	31
007	AUG		1,165	8			1	31
107	SEP			1			1	30
007	OCT			0				
007	NOV			0				
007	DEC			0				
otals 2007								





Year	Month	On BBLS	Gas MCF	Water BBLS	Cond YId STB/MMCF	% Water	# of Wells	Days On
2000	1437	15	16,316	175			,	21
2008	JAN	0	33	0			1	31 0
2008	FEB	o 0	0	0				0
2008 2008	MAR APR	0	650	10			1	28
2008	MAY	0	1,258	62			1	31
2008	JUN	0	1,548	41			1	30
2008	JUL	0	1,488	40			, 1	31
2008	AUG	2	1,270	40	1.579803	95.24	1	31
2008	SEP	2	1,403	9	1.430517	81.82	1	30
2008	OCT	2	1,466	8	1.369256	80.00	1	31
2008	NOV	2	1,509	12	1.330381	85.71	1	30
2008	DEC	1	1,481	12	0.680219	92.31	1	31
Totals 2008	DLC	•	1,701		0.000217	72.5.	•	
10(213 2000		9	12,106	234				
2009	JAN	3	1,407	16	2.137196	84.21	1	31
2009	FEB	2	1,255	21	1.598625	91.30	1	28
2009	MAR	1	1,387	21	0.725981	95.45	1	31
2009	APR	3	1,230	20	2.444024	86.96	1	30
2009	MAY	1	1,145	20	0.878362	95.24	1	31
2009	JUN	1	1,169	20	0.860432	95.24	1	30
2009	JUL		994	20			1	31
2009	AUG		1,112	20			1	31
2009	SEP		822	16			1	30
2009	OCT		1,014	19			1	31
2009	NOV		908	4			1	30
2009	DEC		705	4			1	31
Totals 2009								
		11	13,148	201				
2010	JAN	0	636	4			1	31
2010	FEB	0	857	2			1	28
2010	MAR	0	895	2			1	31
2010	APR	4	1,013	3	3.953667	42.86	1	30
2010	MAY	0	999	3			1	31
2010	אעת	0	920	3			1	30
2010	JUL	0	912	4			1	31
2010	AUG	0	762	4			1	31
2010	SEP	0	0	0				0
2010	OCT	1	730	4	1.374863	80.00	1	31
2010	NOV	I	799	В	1.256564	88.89	1	30
2010	DEC		840	6			1	31
Totals 2010			-					
		6	9,363	43				
2011	JAN	0	762	5			1	31
2011	FEB	4	729	4	5.491968	50.00	1	28
2011	MAR	4	767	8	5,220124	66,67	1	31
2011	APR	4	830	8	4.824277	66.67		30
2011	MAY	4	892	8	4.489305	66.67	l	31
2011	JUN	3	955	9	3.146361	75.00	1	30
2011	JUL	3	926	8	3.244741	72.73	1	31
2011	AUG	0	895	В			1	31
2011	SEP	0	792	8			1	30
2011	OCT	0	849	9			1	31





Year	Month	OII BBLS	Gas MCF	Water BBLS	Cond Yid STB/MMCF	% Water	# of Wells	Days On
2011	NOV	0	<i>7</i> 78	9			1	30
2011	DEC	1	894	14	1.123568	93.33	1	31
Totals 2011								
		23	10,069	98				
2012	JAN	1	722	16	1.390042	94.12	1	31
2012	FEB	i	664	15	1_511024	93.75	1	29
2012	MAR	1	846	18	1.187033	94.74	1	31
2012	APR	2	799	19	2.508129	90.48	1	30
2012	MAY	2	870	19	2.303851	90.48	1	31
2012	JUN	1	756	12	1.327751	92.31	1	30
2012	JUL	1	806	16	1.245695	94.12	1	31
2012	AUG	0	0	0				0
2012	SEP	0	430	19			1	30
2012	OCT	0	594	23			1	31
2012	NOV	0	715	23			1	30
2012	DEC	5	823	17	6.080334	77,27	1	31
Totals 2012								
		14	8,025	197				
2013	JAN	1	680	25	1.475588	96.15	1	31
2013	FEB	0	713	22			1	28
2013	MAR	2	731	21	2.740978	91.30	1	31
2013	APR	2	696	19	2.878563	90.48	1	30
2013	MAY	0	708	23			1	31
2013	אטע	0	680	16			1	30
2013	JUL	4	673	16	5.948536	80.00	1	31
2013	AUG	2	73 7	16	2.718704	88.89	1	31
2013	SEP	0	654	16			1	30
2013	OCT	1	689	16	1.456379	94.12	1	31
2013	NOV	4	664	19	6.029096	82.61	l	30
2013	DEC		686	19			1	31
Totals 2013								
		16	8,311	228				
Gas Tests	2							
API Number	Well Data Nbr Source	Test Test Type Date	Upper Lower Perf, Perf,	Whsip Wh	бр ВНР ВНР	BHP Wat Z Type B		Gas Ao Mefd Mei

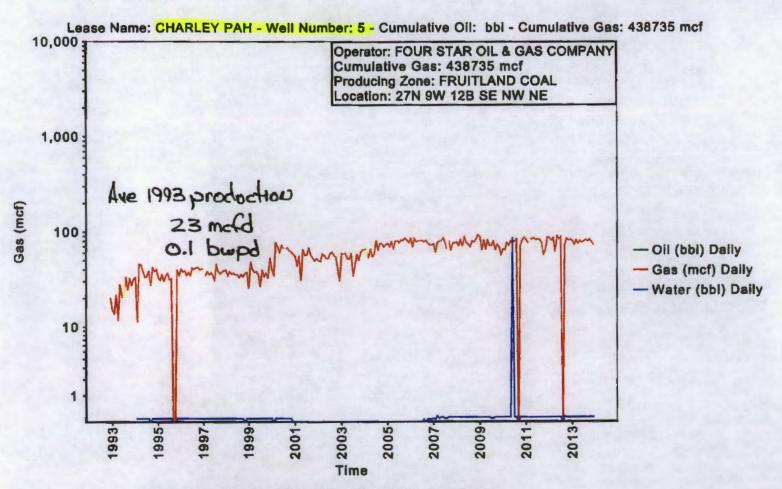
16 bo in 334 days = .05 bopd 664 mef = 22 mefd .63 bupd 300

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Create date: Mar 28, 2014 Graph Template: Jims Best



2011				28,552		48
2012				27,0 69		45
2013				28,435		48
TOTALS				438,735	<u> </u>	3,141
Monthly	Production					
Data Source:	PI					
(Most recent 25	3 of 253 months)					
		Oli	Gas	Water Cond Yld %	# of	D O
Year	Month	BBLS	MCF 602	BBLS STB/MMCF Water	Wells 1	Days On 19
1992 Total s 1992	DEC		602			19
1 OCBUS 1992			602			
1993	JAN		454		1	31
1993 1993	FEB		416		1	28
1993	MAR		651	1 -	1	31
1993	APR		358	Lve 1993 23 McFd	1	30
1993	MAY		835	ANG	1	31
1993	JUN		631	n - C1	1	30
1993	ЛЛ		627	23 MC+C	1	31
993	AUG		1,011		1	19
1993	SEP		748		1	23
993	OCT		977		ī	31
993	NOV		833		1	30
993	DEC		963		1	31
773 Cotais 1993	DEC		703		•	J.
OCALS 1993			8,504	and the state of t		
1994	JAN		1,009	0	1	31
994	FEB		344	3	1	28
994	MAR		1,391	3	1	31
994	APR		1,355	3	1	30
1994	MAY		1,169	3	1	31
1994	JUN		1,015	3	1	30
1994	JUL		1,026	3	1	31
1994	AUG		1,167	3	1	31
1994	SEP		829	0	1	20
1994	OCT		1,281	3	1	31
994	NOV		1,165	3	1	30
1994	DEC		1,221	3	1	31
Fotals 1994			- -	_		
J			12,972	30		
1995	JAN		1,004	3	1	31
1995	FEB		944	3	1	28
1995	MAR		1,078	3	1	31
995	APR		928	3	1	30
995	MAY		1,045	3	1	31
995	JUN		1,110	3	1	30
995	JUL		953	3	1	31
995	AUG		975	3	1	31
1995	SEP		0	0		0
1995	OCT		0	0		0
1995	NOV		1,201	3	1	30
1995	DEC		1,049	3	1	31
Fotals 1995						





		200011110	<u> </u>					20, 2014
Year	Month	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
			10,287	30				
1996	JAN		1,234	3			1	31
1996	FEB		1,151	3			1	29
1996	MAR		1,183	3			1	31
1996	APR		1,063	3			1	30
1996	MAY		1,126	3			1	31
1996	JUN 		1,050	3				30
1996	Mr.		1,260	3			1	31
1996	AUG		1,232	3			1	31
1996	SEP		1,267	3			1	25
1996	OCT		1,287	3			1	31
1996	NOV		1,209	3			1	30
1996	DEC		1,232	3			1	31
Totals 1996		-						
	****		14,294	36			,	31
1997	JAN		1,235	3			j 1	31
1997	FEB		1,048	3			1	28
1997	MAR		1,149	3			1	31
1997	APR		1,076				1	30
1 99 7	MAY		1,120	3				31
1997	JUN		1,052	3			j	30
1997	JUL		933	3			1	25
1997	AUG		1,383	3			1	31
1997	SEP		1,157	3			1	30
1 99 7	oct		1,109	3			1	31
1997	NOV		1,141	3			1	30
1997	DEC		1,181	3			1	31
Totals 1997								
			13,584	36				
1998	JAN		1,198	3			i	31
1998	FEB		1,046	3			i	28
1998	MAR		1,149	3			1	31
1998	APR		1,090	3			1	30
1998	MAY		1,109	3			1	31
1998	JUN		1,075	3			1	30
1998	JUL.		1,072	3			1	31
1998	AUG		1,002	3			1	31
1998	SEP		1,078	3			1	30
1998	OCT		1,029	3			1	31
1998	NOV		1,113	0			1	30
1998	DEC		1,137	3			1	31
Totals 1998								
			13,098	33			_	
1999	JAN		779	3			1	31
1999	FEB		1,455	3			1	28
1999	MAR		1,228	3			1	31
1999	APR		1,142	3			1	30
1 999	MAY		1,152	3			1	31
1999	JUN		1,074	3			1	30
1 99 9	JUL.		809	3			1	31
1999	AUG		1,193	3			1	31
1999	SEP		1,027	3			1	30
1999	OCT		1,107	3			1	31



Year	Month	Oil BBLS	Ges MCF	Water BBLS	Cond YId STB/MMCF	% Water	# of Wells	Days On
1999	NOV		1,000	3			1	30
1 99 9	DEC		1,596	3			1	31
Totals 1999			10.570					
2000	JAN		13,562 1, 22 9	36 3			i	31
2000	FEB		1,052	0			1	29
2000	MAR		2,319	3			1	31
2000	APR		2,110	3			i	30
2000	MAY		1,833	3			i	31
2000	JUN		2,183	3			1	30
2000	JUL		2,045	3			1	31
2000	AUG		2,024	3			1	31
2000	SEP		2,058	3			1	30
2000	OCT		1,908	3			1	31
2000	NOV		1,851	3			1	30
2000	DEC		1,761	•			1	31
Fotals 2000	DEC		1,101				-	
. 0.2.0 2000			22,373	30				
2001	JAN		1,661				1	31
2001	FEB		1,334				1	28
2001	MAR		1,683				1	31
2001	APR		953				1	30
2001	MAY		1,960				1	31
2001	JUN		1,712				1	30
2001	JUL		1,726				1	31
2001	AUG		2,049				1	31
2001	SEP		1,734				1	30
2001	OCT		1,604				1	31
2001	NON		1,500				1	30
2001	DEC		1,577				1	31
Totals 2001								
			19,493				_	
2002	JAN		1,506				1	31
2002	FEB		1,471				1	28
2002	MAR		1,776				1	31
2002	APR		1,702				1	30
2002	MAY		1,597				1	31
2002	JUN		1,569				1	30
2002	J UL		1,777				1	31
2002	AUG		1,839				1	31
2002	SEP		1,701				1	30
2002	ОСТ		1,632				1	31
2002	NOV		1,216				1	30
2002	DEC		923				1	31
Totals 2002			40.000					
7007	1437		18,709				1	31
2003	JAN EED		1,774				1	28
2003	FEB		1,764				1	31
2003	MAR		1,779				1	30
2003	APR		1,577				1 1	31
2003	MAY		1,566				1	30
2003	JUN		1 ,769					
2003	JUL		1,041				1	31





Year	Month	OII BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
2003	AUG		1,319				1	31
2003	SEP		1,724				1	30
2003	OCT		1,517				1	31
2003	NOV		1,846				1	30
2003	DEC		1,951				1	31
Totals 2003								
		-	19,627					
2004	JAN		1,964				1	31
2004	FEB		1,965				1	29
2004	MAR		1,606				1	31
2004	APR		1,975				1	30
2004	MAY		1,646				1	31
2004	JUN		1,773				1	30
2004	JUL		2,403				1	31
2004	AUG		1,936				1	31
2004	SEP		2,295				1	30
2004	OCT		2,241				1	31
2004	NOV		2,091				1	30
2004	DEC		2,208				1	31
Totals 2004	520		2,200				•	. .
			24,103	ana, qualma y a fin direcco di Quebo i igi alla di Gardingci i igani di Arrico.				
2005	JAN		2,265				1	31
2005	FEB		2,107				1	28
2005	MAR		2,363				1	31
2005	APR		1,988				1	30
2005	MAY		2,397					31
2005	אטנ		2,424				1	30
2005	JUL		2,319					
2005	AUG						1	31
			2,465				1	31
2005	SEP		2,451				1	30
2005	ОСТ		2,571				1	31
2005	NOV		2,466				1	30
2005	DEC		2,326				1	31
Totals 2005			28,142					
2006	JAN		2,557	0			1	31
2006	FEB		2,105	0			1	28
2006	MAR		2,560	0			1	31
2006	APR		2,360	0			, 1	30
2006	MAY		2,413	0			, ;	31
2006	JUN		2,425	0			j	30
2006	JUL		2,451	0			1	31
2006	AUG		2,365				1	31
2006	SEP			2 0			,	30
	OCT		2,434					
2006			2,282	2				31
2006	NOV		2,192	2			1	30
2006	DEC		2,199	2			1	31
Totals 2006			28 242					
2007	1431		28,343	8				
2007	JAN		2,237	3			1	31
2007	FEB		1,863	2			1	28
2007	MAR		2,301	5			1	31
2007	APR		2,399	3			i	30





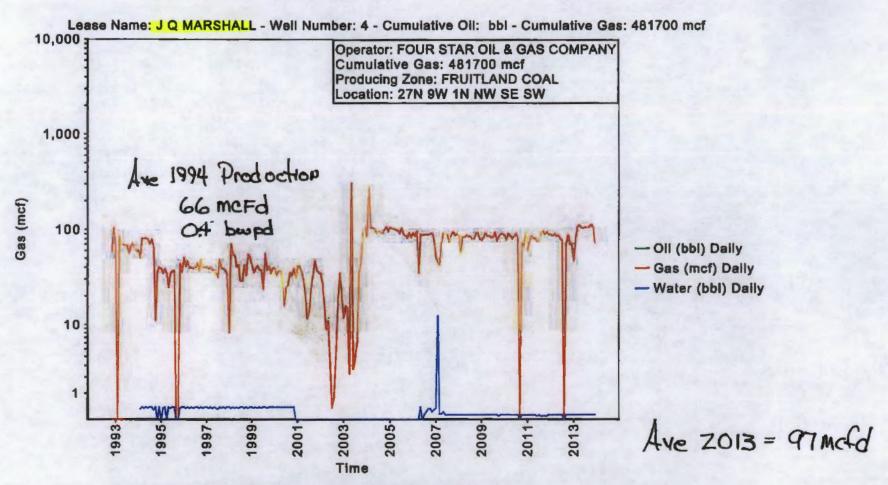
Year	Month	Oil BBLS	Gas MCF	Water BBLS	Cond Yid STB/MMCF	% Water	# of Wells	Days On
2007	MAY		2,424	4			l	31
2007	JUN		2,580	4			1	30
2007	JUL		2,331	3			1	31
2007	AUG		1,942	3			1	31
2007	SEP		2,399	4			}	30
2007	OCT		1,935	4			i	31
2007	NOV		2,291	4			1	30
2007	DEC		2,309	4			1	31
Totals 2007								
			27,011	43				
2008	JAN		2,340	4			1	31
2008	FEB		2,153	4			1	29
2008	MAR		2,510	4			1	31
2008	APR		2,150	4			1	30
2008	MAY		2,661	4			1	31
2008	אטז		2,321	4			1	30
2008	JUL		2,223	4			1	31
2008	AUG		2,104	4			1	31
2008	SEP		2,408	4			1	30
2008	OCT		2,347	4			1	31
2008	NOV		2,538	4			1	30
2008	DEC		2,772	4			1	31
Totals 2008	200		-,	•			•	٠.
1000			28,527	48				
2009	JAN		2,656	4			1	31
2009	FEB		1,957	4			1	28
2009	MAR		2,444	4			1	
2009	APR							31
			1,981	4			1	30
2009	MAY		2,450	4			1	31
2009	JUN		2,170	4			1	30
2009	JUL AUG		2,157	3			1	31
2009	AUG		2,377	3			1	31
2009	SEP		1,963	4			1	30
2009	ОСТ		2,213	4			1	31
2009	NOV		2,085	4			1	30
2009	DEC		1,714	4			1	31
Totals 2009								
			26,167	46				
2010	JAN		1,966	4			1	31
2010	FEB		1,954	4			1	28
2010	MAR		2,311	4			1	31
2010	APR		2,164	4			1	30
2010	MAY		2,387	4			1	31
2010	JUN		2,333	2,584			1	30
2010	JUL		2,386	4			1	31
2010	AUG		2,525	4			1	31
2010	SEP		0	0				0
2010	ост		2,154	4			1	31
2010	NOV		2,485	4			1	30
2010	DEC		2,616	4			1	31
Totals 2010								
			25,281	2,624				
2011	JAN		2,460	4			1	31



Year	Month	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
2011	FEB		2,283	4			1	28
2011	MAR		2,585	4			1	31
2011	APR		2,510	4			1	30
2011	MAY		2,579	4			1	31
2011	JUN		2,479	4			1	30
2011	JUL		2,519	4			J	31
2011	AUG		2,478	4			1	31
2011	SEP		2,334	4			1	30
20 11	OCT		1,729	4			1	31
2011	NOV		1,971	4			1	30
2011	DEC		2,625	4			1	31
Totals 2011								
			28,552	48				
2012	JAN		2,591	4			1	31
2012	FEB		2,445	4			1	29
2012	MAR		2,603	4			1	31
2012	APR		1,866	4			ı	30
2012	MAY		2,708	4			1	31
2012	אעונ		2,535	4			1	30
2012	TUL.		2,655	4			ı	31
2012	AUG		0	0				0
2012	SEP		2,175	5			1	30
2012	OCT		2,561	4			1	31
20 12	NOV		2,437	4			1	30
2012	DEC		2,493	4			1	31
Totals 2012								
			27,069	45				
2013	JAN		2,417	4			1	31
2013	FEB		2,213	4			1	28
2013	MAR		2,462	4			1	31
2013	APR		2,270	4			1	30
2013	MAY		2,410	4			1	31
2013	JUN		2,321	4			1	30
2013	JUL		2,390	4			1	31
2013	AUG		2,485	4			1	31
2013	SEP		2,392	4			ı	30
2013	OCT		2,498	4			1	31
2013	NOV		2,359	4			1	30
2013	DEC		2,218	4			1	31
Totals 2013				***************************************				
			28,435	48				

Gas Tests

Fruitland OFFSET



Create date: Mar 28, 2014 Graph Template: Jims Best



2300430452868371629

County, State: SAN JUAN, NEW MEXICO Lease: J Q MARSHALL Well Number: 4 Operator: FOUR STAR O&G COMP (072673)

Status: ACTIVE

Prod ID: 2300430452868371629 Production Thru Date: Dec 31, 2013

Header Block

Data Source:

ΡI

Lease Name:

J Q MARSHALL (017687)

Operator:

FOUR STAR OIL & GAS COMPANY

State: County:

NEW MEXICO SAN JUAN

Primary API:

30045286830000

Regulatory:

First Production Date: Field: Nov 01, 1992 BASIN

Reservoir Name:

FRUITLAND COAL

Prod Zone: Basin Name: FRUITLAND COAL SAN JUAN BASIN (580)

Play Name: Gas Gatherer: FRUITLAND CBM

Liquid Gatherer: Location:

IN 27N 9W NW SE SW +36.59904 -107.74194

Latitude/Longitude
Cum Data Source:

Cum Oil: Cum Gas:

481,700 MCF

Cum Water:

1,657 BBL Since FEB 1994

Completion Date:

Total Depth:

Upper Perforation:

Lower Perforation:

Oll Gravity:

Gas Gravity:

Last Production Date: Temp Gradient:

N Factor:

Prod Zone Code:

GOR:

Play Type:

Primary Product:

Status: Data Source: Lat/Long Source:

TS

Oct 04, 1992

1,931 FT

2,071 FT

Dec 31, 2013

604FRLDC

GAS ACTIVE

COALBED METHANE (C)

1.42 FFT

Cum Inj Liq: Cum Inj Gas: Cum Inj Water:

Annual Production

Data Source:	Pi			
(21 years)		Oil BBLS	Gas MCF	Water BBLS
Beginning Cum:				
1992		•	4,973	
1993		•	22,224	
1994			22,260	113
1995			10,917	93
1996		,	15 ,40 4	139
1997			13,885	137
1998			15,512	139
1999			14,079	140
2000			11,439	132
2001			11,340	
2002			5,369	
2003			19,837	
2004			40,651	
2005			34,401	
2006			30,613	59
2007			27,767	431
2008			29,973	48
2009			30,923	47
2010			27,675	44



2011					30,114			43
2012					27,023			44
2013					35,321			48
POTALS					481,700			1,657
Monthly	Production							
	254 of 254 months)							
Year	Month	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
1992	NOV		1,780				1	. 0
1992	DEC		3,193				1	31
Totals 1992								
1993	JAN		4,973 1,780				1	24
1 99 3	FEB		0				•	0
1993	MAR		2,572				1	31
1993	APR		2,039				1	30
1993	MAY		2,124				1	31
1993	JUN		2,062					30
1993	JUL		2,072				1	31
1 993	AUG		1,707				1	22
1993	SEP		2,010				i	23
993	OCT		2,159				, 1	31
993	NOV		1,918				1	30
993	DEC		1,781				1	31
Го tals 1993	DEC		1,701				1	31
			22,224					
1994	JAN		1,830	0			i	31
1994	FEB		1,525	10			1	27
1994	MAR		2,460	12			1	31
1994	APR		2,439	11			1	30
1994	MAY		2,476	12			1	31
1994	JUN		2,383	11			1	29
1994	JUL		2,146	12			1	31
1994	AUG		2,387	12			1	31
1994	SEP		1,979	9			ì	23
1994	OCT		333	12			1	31
1994	NOV		1,082	0			I	30
1994	DEC		1,220	12			1	31
Fotals 1994			22,260	113				
1995	JAN		1,183	0			1	31
1995	FEB		1,052	11			i	28
995	MAR		1,173	12			1	31
995	APR		1,043	0			1	30
995	MAY		753	12			1	31
995	NUL		1,059	11			1	30
995	JUL		1,114	12			1	31
995	AUG		1,126	12			1	31
995	SEP		0	0			•	0
995	ост		0	0				0
995	NOV		1,327	11			1	30
			1,040					30



Year	Month	ON BBLS	Gas MCF	Water BBLS	Cond Yid STB/MMCF	% Water	# of Wells	Days On
Totals 1995			10,917	93				
1996	JAN		1,544	12			ι	31
1996	FEB		1,252	11			1	29
1996	MAR		1,401	12			1	31
1996	APR		1,194	11			1	30
1996	MAY		1,221	12			1	31
1996	אטנ		1,181	11			1	30
1996	JUL		1,213	12			i	31
1996	AUG		1,330	12			1	31
1996	SEP		1,114	11			1	25
1996	OCT		1,514	12			1	31
1996	NOV		1,221	11			ı	30
1996	DEC		1,219	12			1	31
Totals 1996			•					
			15,404	139				
1997	JAN		1,230	12			1	31
1997	FEB		1,172	11			1	28
1997	MAR		1,210	12			1	31
1997	APR		1,138	11			1	30
1997	MAY		1,150	12			1	31
1 99 7	JUN		1,039	11			1	30
1997	JUL	,	948	10			1	25
1997	AUG		1,474	12			1	31
1 99 7	SEP		1,197	11			i	30
1997	ОСТ		1,175	12			1	31
1997	NOV		1,132	11			1	30
1997	DEC		1,020	12			1	31
Totals 1997			-1					
			13,885	137				
1998	JAN		246	12			1	22
1998	FEB		2,167	11			1	21
1998	MAR		1,700	12			1	31
1998	APR		1,614	11			1	30
1998	MAY		1,240	12			1	31
1998	JUN		1,280	11			ι	30
1998	JUL		871	12			ı	31
1998	AUG		876	12			1	31
1998	SEP		1,286	11			1	30
1998	ОСТ		995	12			1	31
1998	NOV		1,669	13			i	30
1998	DEC		1,568	12			1	31
Totals 1998			•					
			15,512	139				
1999	JAN		1,291	12			l	31
1999	FEB		1,062	11			1	28
1 999	MAR		1,165	12			1	31
1999	APR		1,261	11			1	30
1999	MAY		1,153	12			1	31
1999	JUN		1,127	11			1	30
1999	JUL		716	12			1	31
1999	AUG		1,693	12			1	31
1999	SEP		1,124	11			ı	30





Year	Month	OII BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	#of Wells	Days On
1999	OCT		1,235	12			1	31
1999	NOV		1,056	12			1	30
1999	DEC		1,196	12			1	31
Totals 1999								
			14,079	140				
2000	JAN		1,203	12			1	31
2000	FEB		998	12			1	29
2000	MAR		1,095	12			1	31
2000	APR		1,109	12			1	30
2000	MAY		882	12			1	31
2000	אטו		477	12			1	30
2000	JUL		742	12			1	31
2000	AUG		790	12			1	31
2000	SEP		1,070	12			1	30
2000	OCT		978	12			1	31
2000	NOV		1,186	12			1	30
2000	DEC		909				1	31
Totals 2000								
			11,439	132				
2001	JAN		1,273				1	31
2001	FEB		1,255				1	28
2001	MAR		1,104				1	31
2001	APR		921				i	30
2001	MAY		651				1	31
2001	אטו		351				1	30
	JUL		398				1	31
2001			737				1	31
2001	AUG							30
2001	SEP		1,010				1	
2001	ОСТ		1,431				1	31
2001	NOV		1,127				1	30
2001	DEC		1,082				1	31
Totals 2001								
			11,340					
2002	JAN		1,035				ì	31
2002	FEB		822				l	28
2002	MAR		492				1	31
2002	APR		268				1	30
2002	MAY		330				i	31
2002	אטג		101				1	30
2002	JUL		11				1	31
2002	AUG		24				1	31
2002	SEP		118				1	30
2002	OCT		485				1	31
2002	NOV		1,060				1	30
2002	DEC		623				1	31
Totals 2002								
			5,369					
2003	MAL		358				1	31
2003	FEB		474				1	28
2003	MAR		446				I	31
	APR		69				1	30
2003								
2003 2003	MAY		9,280				1	31

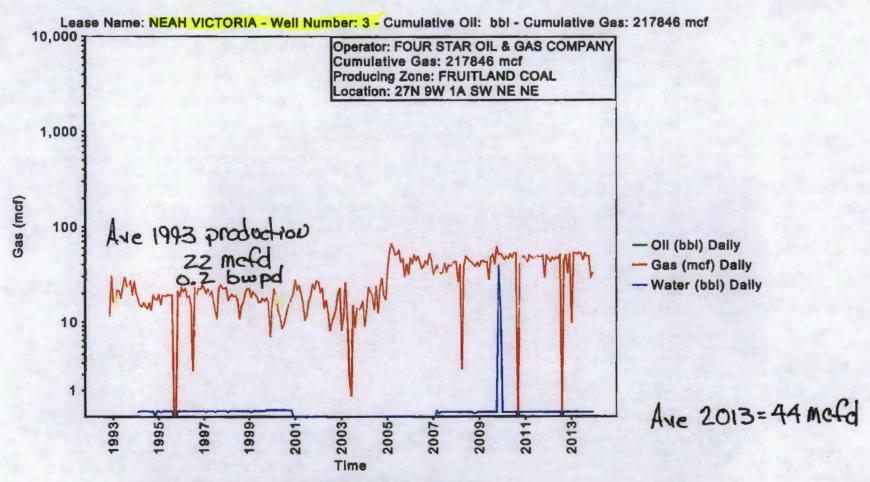


Year	Month	OII BBLS	Ges MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
2011	JAN		1,827	4			1	31
2011	FEB		2,269	4			1	28
2011	MAR		2,646	4			1	31
2011	APR		2,439	4			1	30
2011	MAY		2,459	4			1	31
2011	אטו		2,255	3			1	30
2011	JUL		2,260	4			1	31
2011	AUG		2,805	3			ı	31
2011	SEP		2,923	3			1	30
2011	OCT		2,669	3			1	31
2011	NOV		2,863	3			i	30
2011	DBC		2,699	4			1	31
Totals 2011								
			30,114	43				
2012	JAN		2,683	4			1	31
2012	FEB		2,585	4			1	29
2012	MAR		2,757	4			1	31
2012	APR		2,580	4			1	30
2012	MAY		2,642	4			1	31
2012	JUN		2,433	4			1	30
2012	JUL		2,315	4			t	31
2012	AUG		0	0				0
2012	SEP		2,101	4			1	30
2012	OCT		2,669	4			t	31
2012	NOV		2,135	4			1	30
2012	DEC		2,123	4			1	31
Totals 2012								
			27,023	44				
2013	JAN		1,424	4			1	31
2013	FEB		2,443	4			1	28
2013	MAR		3,265	4			1	31
2013	APR		3,394	4	_		1	30
2013	MAY		3,154	4	1 2013	1	ı	31
2013	JUN		3,154	4	NOV PER	لم	1	30
2013	JUL		3,205	4	NULLAR	opo	1	31
2013	AUG		3,201	4	Nov 2013 acto 0 b	•	1	31
2013	SEP		3,219	G 41	NOT -		i	30
2013	OCT		3,416	1004			1	31
2013	NOV		3,246	4			1	30
2013	DEC		2,200	4			1	31
Totals 2013		H-1-1-	enconstitution and the second					
			35,321	48				

Gas Tests

Ave 2013 97 mofd

FRUITLAND



Create date: Mar 28, 2014 Graph Template: Jims Best



2300430452868971629

County, State: SAN JUAN, NEW MEXICO Lease: NEAH VICTORIA Well Number: 3 Operator: FOUR STAR O&G COMP (072673)

Status: ACTIVE

Prod ID: 2300430452868971629 Production Thru Date: Dec 31, 2013

Header Block

Data Source:

Lease Name:

NEAH VICTORIA (017708)

Operator:

FOUR STAR OIL & GAS COMPANY

State: County:

NEW MEXICO SAN JUAN

Primary API:

30045286890000

Regulatory:

First Production Date:

Nov 01, 1992 BASIN

Fleid: Reservoir Name:

FRUITLAND COAL

Prod Zone: Basin Name: FRUITLAND COAL SAN JUAN BASIN (580)

Play Name: Gas Gatherer: FRUITLAND CBM

Liquid Gatherer: Location:

IA 27N 9W SW NE NE Latitude/Longitude +36.6078 -107.73301

Cum Data Source:

Cum Oll: Cum Gus:

217.846 MCF

Cum Water:

2,287 BBL Since FEB 1994

Completion Date:

Total Depth:

Upper Perforation:

Lower Perforation:

Oll Gravity: Gas Gravity:

Last Production Date:

Temp Gradient:

N Factor:

Prod Zone Code:

GOR:

Play Type:

Primary Product:

Data Source:

Lat/Long Source:

TS

Sep 27, 1992

1,869 FT

2,024 FT

Dec 31, 2013

1.42 FFT

604FRLDC

ACTIVE

COALBED METHANE (C)

Cum Inj Gas: Cum Inj Water:

Cum Inj Liq:

Annual Production

Data Source:	PI		
(21 years)	OU BBLS	Gas MCF	Water BBLS
Beginning Cum:			
1992		1,259	
1993		8,039	
1994		5,879	48
1995		5,723	49
1996		. 7,047	60
1997		7,206	58
1998		6,572	59
1999		6,250	62
2000		5,375	66
2001		7,280	
2002		5,956	
2003		4,253	
2004		6,753	
2005		17,087	
2006		15,958	
2007		13,328	40
2008		13,585	46
2009		16,336	1,615
2010		16,018	44



2011 2012				16,766		48
			15,200 15,076		44	
2013 TOTALS			15,976		48	
			217,846	2,287		
Monthly	Production					
Data Source:	Pl 54 of 254 months)					
		OII	Gas	Water Cond Yld %	# of	
Year	Month	BBLS	MCF	BBLS STB/MMCF Water	Wells	Days On
1992 1992	NOV DEC		352 907		1	0 31
Totals 1992	DEC		70 7		1	31
1 OLLIS 1772			1,259	, , , , , , , , , , , , , , , , , , ,		
1993	JAN		491		1	31
1993	FEB		475		1	28
1993	MAR		649		1	31
1993	APR		644		1	30
1993	MAY		537	1 27 mala	1	31
1 99 3	JUN		712	Ave Lemos	1	30
1993	JUL		880	Ave 22mdd 1993	1	31
1993	AUG		731	1175	1	23
1993	SEP		704		1	23
1993	ОСТ		824		1	31
1 99 3	NOV		582		1	30
1993	DEC		810		1	31
Totals 1993						
			8,039			
1994	JAN		601	0	1	31
1994	FEB		518	4	ŧ	27
1994	MAR		461	5	ī	31
1994	APR		438	5	1	30
1994	MAY		480	5	1	31
1994	JUN		445	5	1	30
1994	JUL		423	5	1	31
1994	AUG		474	5	1	29
1994	SEP		405	4	1	23
1994	ОСТ		580	5	1	31
1994	NOV		532	0	1	30
1994	DEC		522	5	ı	31
Totals 1994						
			5,879	48		
1995	JAN		585	5	1	31
1995	FEB		469	4	l 1	28
1995 1995	MAR APR		573 572	5 5	1 1	31 30
1995 1995	MAY		569	5	1	30 31
995	JUN		592	5	1	30
	JUL JUK		579		-	
1995				5	1 1	31
19 9 5 1 99 5	AUG		581	5	1	31
	SEP		0	0		0
1995	OCT		0	0		0
1995	NOV DEC		633 570	5 5	1 1	30 31





Year Totals 1995	Month	Oii BBLS	Gas MCF	Weter BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
10003 1773			5,723	49				
1996	JAN		691	5			1	31
1996	FEB		636	5			1	29
1996	MAR		681	5			1	31
1996	APR		556	5			1	30
1996	MAY		568	5			1	31
1996	אטנ		458	5			1	30
1996	JUL		71	5			1	31
1996	AUG		704	5			1	31
1996	SEP		592	5			1	25
1996	OCT		680	5			1	31
1996	NOV		670	5			1	30
			740	5			1	31
1996 Estata 1006	DEC		740	3			1	31
Fotals 1996			7,047	60				
1007	TANI						1	31
1997	JAN FEB		680 610	5 4			1 1	28
1997								
1997	MAR		674	5			1	31
1997	APR		586	5			1	30
1 99 7	MAY		637	5			1	31
1997	JUN		493	5			1	30
1997	JUL		399	4			1	24
1997	AUG		330	5			1	31
1997	SEP		687	5			1	30
1997	oct		742	5			1	31
1997	NOV		686	5			1	30
1997	DEC		682	5			1	31
Totals 1997								
			7,206	58			_	
1998	JAN		695	5			1	31
1998	FEB		512	4			1	28
1998	MAR		561	5			1	31
1998	APR		593	5			1	30
1998	MAY		566	5			1	31
19 9 8	JUN		569	5			1	30
1998	JUL		515	5			1	31
1998	AUG		329	5			1	31
1998	SEP		450	5			1	30
1998	OCT		490	5			i	31
1998	ИОЛ		617	5			1	30
1998	DEC		675	5			1	31
Fotals 1998								
			6,572	59			-	
1999	JAN		679	5			1	31
1999	FEB		553	4			1	28
1999	MAR		625	5			1	31
1999	APR		588	5			1	30
1999	MAY		560	5			1	31
1999	JUN		489	5			1	30
1999	JUL		489	5			1	31
1999	AUG		531	5			1	31
1999	SEP		505	5			ı	30



Year	Month	OU BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days On
2011	JAN		1,376	4			1	31
2011	FEB		1,291	4			ι	28
2011	MAR		1,507	4			1	31
2011	APR		1,442	4			1	30
2011	MAY		1,412	4			1	31
2011	JUN		1,444	4			1	30
2011	JUL		1,487	4			1	31
2011	AUG		1,465	4			1	31
2011	SEP		1,453	4			1	30
2011	OCT		1,499	4			1	31
2011	NOV		885	4			1	30
2011	DEC		1,505	4			1	31
Totals 2011								
			16,766	48				
2012	JAN		1,389	4			1	31
2012	FEB		1,297	4			1	29
2012	MAR		1,428	4			1	31
2012	APR		1,360	4			1	30
2012	MAY		1,431	4			1	31
2012	JUN		1,401	4			1	30
2012	J UL		1,526	4			1	31
2012	AUG		0	0				0
2012	SEP		1,305	4			1	30
2012	OCT		1,514	4			1	31
2012	NOV		994	4			1	30
2012	DEC		1,555	4			1	31
Totals 2012								
			15,200	44				
2013	JAN			4			1	31
2013	FEB		ι,590	4			1	28
2013	MAR		1,595	4			1	31
2013	APR		1,564	4		つかる	1	30
2013	MAY		1,609	4	Iher	2012	1	31
2013	JUN		1,558	4	October	,	1	30
2013	JUL		1,360	4	- 1 1		1	31
2013	AUG		1,589	m/	october O bopd		1	31
2013	SEP		1,470	a moto	•		I	30
2013	OCT		1,484 —	40 111			1	31
2013	NOV		881	4			1	30
2013	DEC		979	4			1	31
Totals 2013								
		ALE TO THE POST PORTURE TO THE PROPERTY OF THE	15,976	48				

Gas Tests

Ave 2013 44 mold



MidContinent BU
Chevron North American
Exploration and Production
1400 Smith St, Rm. 47116
Houston, Texas 77002
Tel 713-372-1708
Kristen.Hunter@chevron.com

May 15, 2014

Certified Mail: 7013 2630 0001 2327 6780

MorningStar Partners, L.P. Cross Timbers Energy, LLC 400 West 7th Street Fort Worth, Texas 76102

RE: Downhole Commingle

Blanco 1A (API 30-045-30204)-producing from the Chacra and Mesaverde

Blanco 3A (API 30-045-30214)-producing from the Mesaverde

Section 1: T27N, R9W, San Juan County, NM

Dear Working Interest Owner:

Four Star Oil & Gas Company would like to inform you that it intends to downhole commingle Fruitland Coal production, in which it owns a 100% Working Interest, with current production in the above referenced wells. As a Working Interest Owner in the current production from the wells, you are entitled to notice of the enclosed C-107A Downhole Commingling Application. Also enclosed are the procedures and wellbore diagrams for the completions.

Per previous conversations, MorningStar Partners, L.P. has already reviewed the procedure and has neither objected to nor has offered further suggestions for the potential commingle. If there are in fact no objections or further suggestions to the procedure within 20 days, Four Star Oil & Gas Company will file the Downhole Commingling Application for approval.

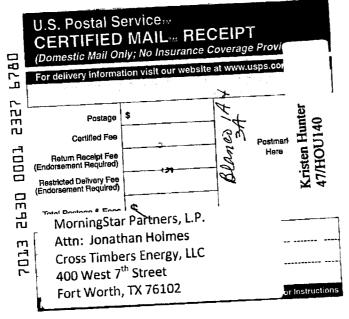
Should you have any technical questions, please feel free to contact Jim Micikas at 505-333-1913. For other question or concern, you can reach me at 713-372-1708.

Thank you,

Kristen Hunter Land Representative

Kusta Dishte

San Juan Basin



Bamo)	4, 34
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: MorningStar Partners, L.P. 	A. Signature X. Agent Addressee B. Received by (Printed Name) C. Date of Defivery R. August D. Is delivery address different from Item 1? Yes If YES, enter delivery address below:
Attn: Jonathan Holmes Cross Timbers Energy, LLC 400 West 7 th Street	3. Service Type
Fort Worth, TX 76102	☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7013 2	1630 0001 2327 6780
PS Form 3811, July 2013 Domestic	Return Receipt